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ATLANTIC[®]



DISCOVER
THE DIFFERENCE



*EXPERIENCE UNMATCHED
PERFORMANCE*



CONTENT

PCMO (PASSENGER CAR MOTOR OILS)

ATLANTIC SYNTHECH LONG LIFE 0W30 SN C3	6
ATLANTIC SYNTHECH PSA PLUS 0W30 C2 PSA B71 2312	7
ATLANTIC SYNTHECH POWER PLUS XL-IV 0W20 SN PLUS C5 VW 508/509	8
ATLANTIC SUPER SYNTHECH ECO-BOOST 5W20 SN/GF5 A1/B1 C5	9
ATLANTIC SYNTHECH ECO VENTURE 0W20 SN/GF5 A1/B1 A5/B5	10
ATLANTIC MAX POWER 5W30 SN C3	11
ATLANTIC SYNTHECH ULTRA POWER LL III C3 5W30 SN	12
ATLANTIC SUPER SYNTHECH 5W40 SN/CF A3/B3 A4/B4	14
ATLANTIC X FDS 5W30 SL A5/B5	15
ATLANTIC MAX POWER 10W40 SL A3/B3	16
ATLANTIC SYNTHECH ULTRA POWER SAE 0W-30 C2	17
ATLANTIC SUPER SYNTHECH 5W40 SN C3	18
ATLANTIC SYNTHECH PSA PLUS 0W-20 SP C5 B71 2010	19
ATLANTIC NEOTERIC ULTRA 0W20 SP C5-C6 0V	20
ATLANTIC SUPER SYNTHECH 0W40 SN A3/B3 A3/B4	21
ATLANTIC SYNTHECH JLR 5W-30 SN/CJ4 C1	22
ATLANTIC X 4T MOTOR CYCLE OIL 10W-40 SL JASO MA2	23
HDDEO (HEAVY DUTY DIESEL ENGINE OILS)	
ATLANTIC SUPER TOPFLEET HD-V HDDEO 15W40 CK-4/E9	26
ATLANTIC SUPER TOPFLEET HDDEO 15W40 CI-4/E7	28
ATLANTIC TOP FLEET LOW SAPS LONG DRAIN HDDEO 5W30 CK-4	30
ATLANTIC SYNTHECH LONG DRAIN DEO-10W40 CJ-4/E9	31



AGRICULTURAL OILS

ATLANTIC SYNTHECH SUTO 10W30 SL/CG-4

33

TRANSMISSION OILS

ATLANTIC TOP GEAR OIL 80W-90 GL-5

35

ATLANTIC ATF D III

36

ATLANTIC ATF D VI

37

ATLANTIC CVT FLUID

38

ATLANTIC TOP GEAR ATF DCT

39

ATLANTIC SYNTHECH GEAR OIL 75W-90 GL-5

40

ATLANTIC SYNTHECH GEAR OIL 75W-80 GL-5

41

SPECIALITY PRODUCTS

ATLANTIC BRAKE FLUID DOT-4

43

ATLANTIC ANTIFREEZE COOLANT CONCENTRATE - RED

44

ATLANTIC ANTIFREEZE COOLANT CONCENTRATE - BLUE

45

GREASES

ATLANTIC LITHIUM COMPLEX GREASE EP-2

48

ATLANTIC LITHIUM GREASE EP-3

49

INDUSTRIAL OILS

ATLANTIC X HYDRAULIC OILS AW 32 & 46

51

**PASSENGER CAR
MOTOR OILS**



ATLANTIC®





160701NF-01-6080

SYNTHECH FULLY SYNTHETIC LONG LIFE ENGINE OIL

DESCRIPTION

ATLANTIC SYNTHECH FULLY SYNTHETIC ENGINE OIL SAE 0W-30 C3 LL is a full synthetic lubricant based on carefully selected very high-quality base oils. It is specifically formulated to meet the most demanding VW specifications available today - VW 504.00 and 507.00 - as well as the Long-Life III requirements of the VAG Group. It is a Mid SAPS oil which meets Euro 4 and Euro 5 norms and provides protection to the Diesel Particulate Filter. This viscosity grade provides a proven fuel economy over a 5W30 grade.

PERFORMANCE FEATURES & BENEFITS

- Aftertreatment protection: full aftertreatment system protection.
- Total engine protection: outstanding engine cleanliness and durability.
- Fuel economy: lower fuel consumption and CO2 emissions.

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.842
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5700@-35°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	59.0
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	11.7
Viscosity Index, ASTM D2270	197
Flash Point(COC), °C, ASTM D92	226
Pour Point, °C, ASTM D97	-45
Total Base Number, mg KOH/g, ASTM D2896	8.3



SAE 0W-30



API SN, ACEA C2, C3



Meets or Exceeds
MB-Approval 229.51/52, 229.31, Porsche C30, VW 504 00/ 507 00/ VW TL 52 545, BMW Long-life 04, FIAT 9.55535-DSI/9.55535-GSI, Renault RN0700/710, FORD WSS-M2C950-A



6895A-WL-30

SYNTHECH PSA PLUS ENGINE OIL

DESCRIPTION

High Performance 100% Synthetic "Fuel Economy" engine oil specially designed for the latest generation of Diesel engines with SCR (Selective Catalytic Reduction) from PSA group (Peugeot and Citroen) PSA B71 2312 oil and meeting EURO 4, EURO 5 or EURO 6 emissions level. Suitable also for most Peugeot and Citroen Gasoline engines and some Diesel engines with Diesel Particulate Filter (DPF) requiring an approved PSA B71 2312 lubricant. Before use, always refer to the vehicle owner's manual.

PERFORMANCE FEATURES & BENEFITS

- MAXIMISES diesel particulate life
- Improved fuel economy
- Long drain intervals
- Suitable for vehicles fitted with a DPF
- Extended exhaust catalyst life
- Emissions system friendly
- Maximizes fuel economy
- Highly shear stable to minimize oil consumption

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.851
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5700@-35°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	56.1
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	10.2
Viscosity Index, ASTM D2270	170
Flash Point(COC), °C, ASTM D92	230
Pour Point, °C, ASTM D97	-48
Sulphated Ash, %wt, DIN 51575	0.56
Total Base Number (TBN)	9.6



SAE 0W-30



ACEA C2



**Meets or Exceeds
PSA B71 2312, FIAT 9.55535-DS1/9.55535-GS1**

SYNTHECH POWER PLUS XL-IV ENGINE OIL

DESCRIPTION

ATLANTIC SYNTHECH ULTRA POWER PLUS XL-IV CS SAE 0W-20 is a premium full synthetic engine oil specifically designed for latest generation European engines fitted with DPF (Diesel Particulate Filters) and TWC (Three Way Catalyst) emission technology with the focus to enhance engine durability and protection. Suitable for use in direct injection FSJ/TSI petrol and TDI diesel engines, naturally aspirated, supercharged & turbocharged Volkswagen, Audi, and other leading engine manufacturers.



SAE 0W-20



API SN PLUS, ACEA C5, C6

Meets or Exceeds
VW 508.00 / 509.00, Porsche C20, VW TL52577,
FORD WSS-M2C956-A

INF-6078-WL

PERFORMANCE FEATURES & BENEFITS

- Ultimate Protection**
Formulated with the highest quality base oils and latest additives to ensure ultimate protection & performance under all operating conditions.
- Extended drain performance**
Formulated for excellent product stability. Long lasting performance & suitable for long drain intervals.
- Engine Cleanliness**
Keeps engine extremely clean by minimizing deposits.
- Wear Protection**
Provides ultimate protection against wear under all operating conditions.
- Fuel efficiency**
Low viscosity & special additives result in maximum reduction of friction which results in a lower fuel consumption.

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.836
Cold Cranking Viscosity (CCS), mPa s, ASTM D5293	5700@-35°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	40
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	8.0
Viscosity Index, ASTM D2270	177
Flash Point (COC), °C, ASTM D92	228
Pour Point, °C, ASTM D97	-45
Total Base Number (TBN)	8.3

SUPER SYNTHECH ECO BOOST ENGINE OIL

DESCRIPTION

ATLANTIC SUPER SYNTHECH ECOBOOST SAE 5W-20 API SN is the highest quality, synthetic, multi-seasonal, midSAPS engine oil. It meets the latest ACEA C5 and API SN (Resource Conserving) requirements. Fuel Economy oil guarantees extended service periods.



SAE 5W-20



**ACEA A1/B1, C5,
API SN, CF, ILSAC GF-5**



**Meets or Exceeds
FORDWSS-M2C948-B, FORD WSS-M2C948-A,
JAGUAR-LAND ROVER STJLR.03.5004**

6003-9455INF

PERFORMANCE FEATURES & BENEFITS

- Reduced environmental impact: Reduction in fuel consumption.
- Protection for pollution-control systems: With its low phosphorus content, this lubricant also optimizes the way in which three-way catalytic converters operate, preventing them from getting damaged through poisoning. This reduces NOX, HC and CO in particular.
- Engine protection and cleanliness: This oil contains detergent and dispersive additives and offers the best possible protection in its category against wear and deposits.
- Easier cold starts: Easy cold starts due to its extreme fluidity at low temperature.
- Oil change intervals: To be modified based on the usage, please always refer to the car owner's manual.

TYPICAL TECHNICAL PROPERTIES

	1L-5L-20L-200L
Density at 15°C, g/ml, ASTM D4052	0.851
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	4100@-30°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	41.83
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	8.08
Viscosity Index, ASTM D2270	171
Flash Point(COC), °C, ASTM D92	220
Pour Point, °C, ASTM D97	-45
Total Base Number (TBN)	8.0
HTHS Viscosity @ 150°C mPa.s, CEC L-36-A-97	≥2.6



SYNTHECH ECO VENTURE ENGINE OIL

DESCRIPTION

ATLANTIC SYNTHECH ECO VENTURE ENGINE OIL SAE 0W-20 is formulated from select lowfriction, full synthetic base stocks and an advanced technology additive system meeting General Motors Global Engine Oil Specification. It provides excellent oxidation stability, superior resistance to sludge formation and varnish deposits, reduces friction and wear at start-up and protects your engine even under the toughest driving conditions. It is recommended for turbo-charged and high-powered passenger car, truck, sport utility vehicle and other mobile and stationary engines.

PERFORMANCE FEATURES & BENEFITS

- Lower pour point reduces start-up wear during cold weather.
- Enhanced oxidative stability, emission system and wear protection.
- Full synthetic oil helps to improve fuel economy.
- Designed with premium base stocks for added thermal breakdown resistance.
- Superior resistance to sludge and varnish deposit formation.

11145-W20

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

API GRAVITY, ASTM D287	35.8
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6200@-35° C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	46.3
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	8.7
Viscosity Index, ASTM D2270	169
Flash Point(COC), °C, ASTM D92	210
Pour Point, °C, ASTM D97	-51
Phosphorus,% wt, ASTM D4951, MAX	0.08
Total Base Number (TBN)	7.9



SAE 0W-20



API SN, ILSAC GF-5,
ACEA A1/B1 & A5/B5



Meets or Exceeds
Ford WSS-M2C94 7 A



160701INF-02

MAX POWER ENGINE OIL

DESCRIPTION

ATLANTIC MAX POWER ENGINE OIL SAE 5W-30 C3 is strongest and most advanced range of engine oils. It has a low ash content, sulfur and phosphorus, essential characteristics for optimal lubrication and excellent performance in Euro V and Euro VI engines and proved compatibility with after treatment systems SCR, EGR and Gasoline Catalytic Converters (CAT), especially those that incorporate Diesel Particulate Filters (DPF / FAP). It offers high reliability and allows maximum reduction of fuel consumption. The new technology protects the environment as well as the particulate filter because of the low content of sulphated ash, phosphor and sulphur.

PERFORMANCE FEATURES & BENEFITS

- Maximises short and long term engine performance
- Reduces engine deposits to help maximise engine response
- Sustains maximum performance even when under pressure
- Independently proven to Improve engine efficiency
- Delivers unsurpassed levels of protection across a variety of driving conditions & temperatures



SAE 5W-30



API SN/SM/SL/CF, ACEA C3



Meets or Exceeds
MB-Approval 229.31/ 229.51, BMW Longlife 04, GM dexos2, MB 229.52, MB 226.5, VW 502.00/505.01, RENAULT RN0700/RN0710

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.851
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5700@-30°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	66
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	11.6
Viscosity Index, ASTM D2270	173
MRV @-35°C, cP, ASTM D4684	17600
Flash Point(COC), °C, ASTM D92	226
Pour Point, °C, ASTM D97	-45
Sulphated Ash, %wt, DIN 51575	0.79
Total Base Number, mg KOH/g, ASTM D2896	8.0

SYNTHECH ULTRA POWER LL III C3 MOTOR OIL

DESCRIPTION

ATLANTIC SYNTHECH ULTRA POWER LL III C3 SAE 5W-30 is strongest and most advanced range of engine oils. It is a low - ash, synthetic engine oil for up - to - date gasoline and diesel engines with particulate filter. It offers high reliability and allows maximum reduction of fuel consumption. The new mid SAPS technology protects the environment as well as the particulate filter because of the low content of sulphated ash, phosphorus and Sulphur.



SAE 5W-30



API SN/CJ-4, ACEA C3

OEM Approvals
MB-Approval 229.51, VW 504 00/ 507 00
 Meets or Exceeds
BMW Long-life 04, Porsche C30

160701NF-02-6080

PERFORMANCE FEATURES & BENEFITS

- Maximizes short- and long-term engine performance
- Reduces engine deposits to help maximize engine response
- Sustains maximum performance even when under pressure
- Independently proven to Improve engine efficiency
- Delivers unsurpassed levels of protection across a variety of driving conditions & temperatures

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.851
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5700@-30°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	66
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	11.6
Viscosity Index, ASTM D2270	173
MRV @ -35°C, cP, ASTM D4684	14500
Flash Point(COC), °C, ASTM D92	226
Pour Point, °C, ASTM D97	-42
Sulphated Ash, %wt, DIN 51575	0.78
Total Base Number, mg KOH/g, ASTM D2896	8.8

SYNTHTECH ULTRA POWER LL III C3 MOTOR OIL



SUPER SYNTHTECH FULLY SYNTHETIC MOTOR OIL



VOLKSWAGEN
AKTIENGESELLSCHAFT

VOLKSWAGEN MIT WERKZEUGELEHRENDEN, DIESE WERKZEUGE BEZIEHEND

Atlantic Grease & Lubricants FZC
Mr. A.U.M. Javadeen
P.O.Box-41583
Hamriyah Free Zone, Sharjah
United Arab Emirates

18.10.2023
1437-09-F
9-45156
9-32371
E-MAIL
02.11.2023

HRF DOORN
HRE LINDENHOUT
HREER DOORN
BERGHAAL
TELIJPA
E-MAIL
SARJAH

Engine Oil

Dear Mr. Javadeen,

Analysis of the engine oil

Atlantic Synthtech Ultra Power LL III C3 SAE 5W-30 (Oil-Code: IME 1312287-A)

has shown that product in question meets the requirements in accordance with VW Standard 504 00 and VW Standard 507 00. This engine oil is therefore suitable for use in our vehicles with LongLife Service (petrol and diesel) engines, including diesel engines with particulate traps without fuel borne catalyst in accordance with the Owner's Literature for our products.

So that it is clear to both customers and workshops that this approval has been granted, containers should state:

"approved under VW Standard 504 00 and VW Standard 507 00"

This approval is only valid for the following production site:

Atlantic Grease & Lubricants FZC, P.O.Box-41583, Hamriyah Free Zone Phase 1, Sharjah, UAE

Please note that this approval expires after 36 months, at which point compliance with the then valid VW standards must be verified again.

Yours sincerely,

I.V. Dr. Heinz

I.V. Dr. Fölster

VW 504 00/ 507 00

Mercedes-Benz AG | 70544 Stuttgart

Mercedes-Benz

Atlantic Grease & Lubricants FZC
P.O. Box 41583, Plot Nos 23-11 Z12
HAMRIYAH FREE ZONE, SHARJAH
UNITED ARAB EMIRATES

17.08.2022

Dr. Zickler, Vera Nischoldt (unsr) /
Your reference
17.08.2022

Other Zickler, Loewen Nischoldt (unsr) /
Our reference number
MD/PA/170012

Date
01.10.2023

MB-Approval Certificate - Renewal Approval - Engine Oil - Reblend
MB-Approval 229.51 for: "ATLANTIC SYNTHTECH ULTRA POWER LL III C3 SAE 5"
Oil-Code: INF-079917-S1, SAE-Grade: 5W-30

Refered to IME 1312287-A with Oil-Code: IME 1312287-A.
Sealed: W/Forum UK Limited

Dear Sir or Madam,

The aforementioned operating fluid complies with the requirements of the Mercedes-Benz Specifications for Operating Fluids, sheet 229.51 and is therefore approved for the respective Mercedes-Benz vehicles and assemblies. The application range is shown on the MB sheet and further defined on the sheet 223.2. Further requirements, e.g. SAE grades, capacities, change intervals etc. must also be observed.

The following regulations apply for the MB-Approval:

- The MB-Approval comes into force on the date shown on this certificate
- The MB-Approval will expire in 5 years at the latest
- The MB-Approval automatically terminates on expiry of the validity period at the latest
- The MB-Approval is only valid as long as the product name is listed on the Mercedes-Benz Operating Fluids website <https://operatingfluids.mercedes-benz.com> or <https://operatingfluids.mercedes-benz-trucks.com>
- Applications for renewals or new approvals etc. must be made in good time
- In addition, the regulations laid down in the current "Obligations Regarding Approval for Operating Fluids" contract apply.
- Former MB-Approval Certificates for the aforementioned operating fluid are hereby rendered invalid.

A Z-liter back-up sample of each formulation, which can be called upon by Mercedes-Benz AG at any given moment, must be retained. We will inform you of the dispatch address.

Sincerely
Mercedes-Benz AG

I.V. Fritz Kretzmann

I.V. Dr. Jochem Betach

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Mercedes-Benz AG, Stuttgart, Germany | Sitz und Registergericht: Deutsche und Court of Registry: Stuttgart, 1600 W./Commercial Register No.: 76 3075
Vorstand: Dr. A. Falkenberg/Chairman of the Supervisory Board, Bernd Ruckelshauser
Vorstand/Board of Management: Dr. Wilfried Pöschel, Volker Müller/Chairman, Jörg Bremer, Bernd Jäger/Börsen, Günter Kies, Sabine Kottelner, Frank Unbehauen, Markus Schiller, Britta Seeger

und Mercedes-Benz sind eingetragene Marken der Daimler AG, Stuttgart, Deutschland.

MB-APPROVAL 229.51

Mercedes-Benz AG | 70544 Stuttgart

Mercedes-Benz

Atlantic Grease & Lubricants FZC
P.O. Box 41583, Plot Nos 23-11 Z12
HAMRIYAH FREE ZONE, SHARJAH
UNITED ARAB EMIRATES

17.08.2022

Dr. Zickler, Vera Nischoldt (unsr) /
Your reference
17.08.2022

Other Zickler, Loewen Nischoldt (unsr) /
Our reference number
MD/PA/170012

Date
01.10.2023

MB-Approval Certificate
New Approval - Engine Oil - Reblend

MB-Approval 229.3 for: "ATLANTIC SUPER SYNTHTECH SAE 5W-40 API SN"
Oil-Code: 012130HT, SAE-Grade: 5W-40
Refered to L88 14767-A-2 with Oil-Code: L88 14767-A-2
Sealed: W/Forum UK Limited

Dear Sir or Madam,

The aforementioned operating fluid complies with the requirements of the Mercedes-Benz Specifications for Operating Fluids, sheet 229.3 and is therefore approved for the respective Mercedes-Benz vehicles and assemblies. The application range is shown on the MB sheet and further defined on the sheet 223.2. Further requirements, e.g. SAE grades, capacities, change intervals etc. must also be observed.

The following regulations apply for the MB-Approval:

- The MB-Approval comes into force on the date shown on this certificate
- The MB-Approval will expire in 5 years at the latest
- The MB-Approval automatically terminates on expiry of the validity period at the latest
- The MB-Approval is only valid as long as the product name is listed in MB BeVo-ONLINE <http://bevo.mercedes-benz.com>
- Applications for renewals or new approvals etc. must be made in good time
- In addition, the regulations laid down in the current "Obligations Regarding Approval for Operating Fluids" contract apply.

A Z-liter back-up sample of each formulation, which can be called upon by Mercedes-Benz AG at any given moment, must be retained for at least 3 years. We will inform you of the dispatch address.

Sincerely
Mercedes-Benz AG

I.V. Fritz Kretzmann

I.V. Dr. Jochem Betach

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Mercedes-Benz AG, Stuttgart, Germany | Sitz und Registergericht: Deutsche und Court of Registry: Stuttgart, 1600 W./Commercial Register No.: 76 3075
Vorstand: Dr. A. Falkenberg/Chairman of the Supervisory Board, Bernd Ruckelshauser
Vorstand/Board of Management: Dr. Wilfried Pöschel, Volker Müller/Chairman, Jörg Bremer, Bernd Jäger/Börsen, Günter Kies, Sabine Kottelner, Frank Unbehauen, Markus Schiller, Britta Seeger

und Mercedes-Benz sind eingetragene Marken der Daimler AG, Stuttgart, Deutschland.

MB-APPROVAL 229.3



SUPER SYNTHECH FULLY SYNTHETIC MOTOR OIL

DESCRIPTION

ATLANTIC SUPER SYNTHECH ENGINE OIL SAE 5W-40 API SN/CF is premium performance synthetic motor oil delivering ultimate performance and protection. It provides exceptional cleaning power, wear protection and overall performance keeping your engine running like new in all driving conditions.



SAE 5W-40



API SN/CF, ACEA A3/B3, A3/B4

Meets or Exceeds
 RN0700/0710, VW 50200/50500,
 MB 226.5, Opel GM-LL-A/B-025,
 MB 229.3, Porsche A40, JASO MA2

012130HT

PERFORMANCE FEATURES & BENEFITS

- Maximizes engine life Low oil consumption
- Excellent engine cleanliness and protection
- Guaranteed protection from oil-related engine failure
- High resistance to 'shear' & viscosity loss in high stress areas.
- Maximizes power and performance
- Lower impact emissions.
- Exceptional resistance to oxidation
- Delivers unsurpassed levels of protection across a variety of driving conditions and temperatures.
- Outstanding cold flow properties for reduced wear at start up.

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.855
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6250@-30°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	85.86
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	14.37
Viscosity Index, ASTM D2270	174
Flash Point(COC), °C, ASTM D92	228
Pour Point, °C, ASTM D97	-45
Total Base Number, mg KOH/g, ASTM D2896	10.2
Sulphated Ash, %wt, ASTM D874, max	0.98



160701INF-03

ATLANTIC X FDS MOTOR OIL

DESCRIPTION

ATLANTIC X FDS FULLY SYNTHETIC MOTOR OIL SAE 5W-30 is a fully synthetic low friction engine oil for petrol and diesel passenger car engines with and without turbocharger and direct fuel injection. This oil ensures that friction, wear and tear and fuel consumption are minimized. ATLANTIC X FDS FULLY SYNTHETIC MOTOR OIL SAE 5W-30 permits extended oil change intervals in accordance with manufacturer instructions. ATLANTIC X FDS FULLY SYNTHETIC MOTOR OIL SAE 5W-30 provides excellent cold start performance, ensuring that the engine is optimally and reliably lubricated in the warm-up phase. It guarantees safe vehicle operation in all driving conditions and low oil consumption due to its low Vaporization characteristics. ATLANTIC X FDS FULLY SYNTHETIC MOTOR OIL SAE 5W-30 passed successfully a number of additional tests and special investigations at Ford for obtaining the of facial Ford WSS-M2C913-D approval.

PERFORMANCE FEATURES & BENEFITS

- Maximizes short- and long-term engine performance
- Reduces engine deposits to help maximize engine response
- Sustains maximum performance even when under pressure
- Independently proven to Improve engine efficiency
- Delivers unsurpassed levels of protection across a variety of driving conditions & temperature

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.851
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5700@-30°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	66
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	11.6
Viscosity Index, ASTM D2270	173
MRV @-35°C, cP, ASTM D4684	14 500
Flash Point(COC), °C, ASTM D92	226
Pour Point, °C, ASTM D97	-42



SAE 5W-30



ACEA A5/B5, API SP, CF, ILSAC GF-6A



Recommendations

Ford WSS-M2C913-A/ WSS-M2C913-B/ WSS-M2C913-C/
WSS-M2C913-D, RENAULT RN 0700,
JAGUAR-LAND ROVER STJLR.03.5003



12413AL-5314

MAX POWER SEMI SYNTHETIC ENGINE OIL

DESCRIPTION

Enhanced-premium semi-synthetic engine oil meeting the latest industry engine oil specifications. They are designed to provide an excellent level of protection and performance under the most demanding conditions.

PERFORMANCE FEATURES & BENEFITS

- Superior engine protection during start up.
- Superior engine wear protection.
- Minimizes sludge formation.
- Reduces wear by controlling soot deposits.
- Extension of engine's lifetime.
- Reduced high temperature engine deposits.
- Reduces wear due to advanced base oils.
- Can be used in both Diesel & LPG engines.
- Provides improved fuel economy.
- Suitable for hydraulically actuated injectors.
- Safe for wet clutch motorcycles.
- Delivers unsurpassed levels of protection across a variety of driving conditions and temperatures.

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.867
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6600@-25°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	95
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	14.3
Viscosity Index, ASTM D2270	155
Flash Point(COC), °C, ASTM D92	224
Pour Point, °C, ASTM D97	-36
Total Base Number, mg KOH/g, ASTM D2896	6.9



SAE 10W-40



API SL, SL/CF, ACEA A3/B3



**Meets or Exceeds
MB P229.1, VW 505.00**



INF-05920ADX-1

SYNTHECH **ULTRA POWER** ACEA C2 ENGINE OIL

DESCRIPTION

ATLANTIC SYNTHECH ULTRA POWER ENGINE OIL ACEA C2 SAE 0W-30 is strongest and most advanced range of engine oils. It is manufactured using the latest advances additive technology intended for lubrication of gasoline and Diesel light vehicle engines. This high- performance lubricant is specifically developed to ensure compatibility with post-treatment systems.

PERFORMANCE FEATURES & BENEFITS

- Maximises short and long term engine performance.
- Reduces engine deposits to help maximise engine response.
- Sustains maximum performance even when under pressure.

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.851
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5700@-30°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	68
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	11.9
Viscosity Index, ASTM D2270	174
Flash Point(COC), °C, ASTM D92	230
Pour Point, °C, ASTM D97	-42
Sulphated Ash, %wt, DIN 51575	0.8
Total Base Number (TBN)	10.3



SAE 0W-30



ACEA C2



Meets or Exceeds
Ford WSS-M2C950-A,
Jaguar Land Rover STJLR.03.5007



SUPER SYNTHECH FULLY SYNTHETIC MOTOR OIL

DESCRIPTION

ATLANTIC SUPER SYNTHECH ENGINE OIL SAE 5W40 DPF C3 API SN/CF is strongest and most advanced range of engine oils. It is manufactured using the latest advances in mid SAPS (Sulphated ash, Phosphorus and Sulphur) additive technology intended for lubrication of gasoline and Diesel light vehicle engines. This high- performance lubricant is specifically developed to ensure compatibility with post-treatment systems.

PERFORMANCE FEATURES & BENEFITS

- Maximizes engine life.
- Excellent engine cleanliness and protection.
- Guaranteed protection from oil-related engine failure.
- High resistance to 'shear' & viscosity loss in high stress areas.
- Maximizes power and performance.
- Lower impact emissions.
- Exceptional resistance to oxidation.
- Delivers unsurpassed levels of protection across a variety of driving conditions and temperatures.
- Outstanding cold flow properties for reduced wear at start up.

INF6003-C

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.855
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6250@-30°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	83.5
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	14.1
Viscosity Index, ASTM D2270	175
Flash Point(COC), °C, ASTM D92	228
Pour Point, °C, ASTM D97	-42
Total Base Number, mg KOH/g, ASTM D2896	8.0
Sulphated Ash, %wt, ASTM D874, max	0.79



SAE 5W-40



API SN, SN/CF, SN/CJ-4, SM, SL, ACEA C3



Meets or Exceeds
MB-Approval 229.31, 229.51, 226.5, VW502.00, 505 01, Renault RN0700/0710, BMW Longlife-04, Porsche A40, GM Dexos IGEN 2, FORD WSS-M2C917-A



SYNTHECH PSA PLUS ENGINE OIL

DESCRIPTION

ATLANTIC SYNTHECH ENGINE OIL PSA PLUS SAE 0W-20 B712010 is a low SAPS ACEA C5 passenger car engine oil focused on the most recent Stellantis / PSA specification 871 2010, but also suitable for diesel and gasoline engines from other car manufacturers which require an ACEA C5 SAE 0W- 20 oil.

PERFORMANCE FEATURES & BENEFITS

- Maximizes short- and long-term engine performance
- Reduces engine deposits to help maximize engine response
- Sustains maximum performance even when under pressure
- Independently proven to improve engine efficiency
- Delivers unsurpassed levels of protection across a variety of driving conditions & temperature

6895A-WL-20

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.845
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5700@-35°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	40
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	8.0
Viscosity Index, ASTM D2270	177
Flash Point(COC), °C, ASTM D92	230
Pour Point, °C, ASTM D97	-48
Total Base Number, mg KOH/g, ASTM D2896	9.4



SAE 0W-20



API SP, ACEA C5, C6



Meets or Exceeds
FIAT 9.55535-DMI, PSA B71 2010,
OPEL OV 040 1547 -A20

NEOTERIC ULTRA ENGINE OIL

DESCRIPTION

This full synthetic engine oil is specifically developed to meet the Opel OV 040 1547 -A20 specification. The ultra- low viscosity grade of this lubricant enables the latest engine designs to reach their predetermined fuel-economy goals. In addition to this, the engine oil forms a powerful layer that absorbs harmful particulates and keeps the engine clean and protected. It is suitable for hybrid cars when the OEM specifications are met with.



SAE 0W-20



**API SN PLUS, SN /RC, SP, SP /RC,
ACEA C5,C6, ILSAC GF-5, GF-6A**

Meets or Exceeds

**BMW LONGLIFE 14FE+, LONGLIFE-17FE+,
CHRYSLER MS 6395, MS-12145, FIAT 9.55535-CR1,
9.55535-DM1, 9.55535-DSX, 9.55535-GSX,
GM DexosD, VOLVO VCC RBS0-2AE, FORD**

6800-20

**WSS-M2C945-A, WSS-M2C945-B1, WSS-M2C946-A,
WSS-M2C946-B1, WSS-M2C947-A, WSS-M2C947-B1,
WSS-M2C962-A1, JAGUAR-LAND ROVER STJLR.03.5006,
STJLR.51.5122, MB 229.71, 229.72, OPEL OV 040 1547 - A20**

PERFORMANCE FEATURES & BENEFITS

- Helps protect against low speed pre-ignition (LSPi) in turbocharged gasoline direct injection engines (TGDI).
- Exceeds ILSAC GF-6 requirements for new cars under warranty.
- Enhanced performance benefits at extreme temperatures compared with conventional engine oils.
- Outstanding resistance to viscosity and thermal breakdown at high temperatures.
- Protects against sludge and varnish formation.
- Protects against rust and bearing corrosion.
- Low volatility for reduced oil consumption.
- Excellent low temperature pumpability for protection during cold starts.
- Highly resistant to foaming.
- Formulated to protect turbochargers and emission control system catalysts.

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.845
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5700@-35°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	40.64
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	8.96
Viscosity Index, ASTM D2270	176
Flash Point(COC), °C, ASTM D92	210
Pour Point, °C, ASTM D97	-48
Total Base Number, mg KOH/g, ASTM D2896	7.7
Sulfated Ash, Mass %, ASTM D87 4	0.6

SUPER SYNTHECH FULLY SYNTHETIC MOTOR OIL

DESCRIPTION

This is a full synthetic lubricant based on carefully selected very high-quality base oils of the latest generation, with a large field of application. It offers an excellent fluidity at low temperature, which ensures instant lubrication after starting. This will bring wear to a minimum. Because of its low viscosity, it is fuel-saving.



SAE 0W-40



ACEA A3/B3, A3/B4, API SN



Meets or Exceeds

*BMW LL-01, Ford WSS-M2C937-A, MB approval 226.5,
Renault RN0700.0710, MB Approval 229.5,
Porsche A40, VW 502.00, 505.00 FIAT-9.55535-Z2*

6780-9490

PERFORMANCE FEATURES & BENEFITS

- Total engine protection: performance in keeping the engine clean.
- Fuel economy: superior fuel economy and CO2 reduction.
- Cold start: excellent fluidity at low temperature.

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.844
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5700@-35°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	80.1
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	13.8
Viscosity Index, ASTM D2270	178
Flash Point(COC), °C, ASTM D92	228
Pour Point, °C, ASTM D97	-45
Total Base Number (TBN)	10.1



SYNTHECH JLR ENGINE OIL

DESCRIPTION

ATLANTIC SYNTHECH JLR SAE 5W-30 SN/CJ-4 is an exceptional performance passenger car engine oil, especially designed to provide superior engine durability, aftertreatment protection and fuel efficiency for Ford Euro 4 and 5 and Mazda Euro 4 passenger cars. It meets the specifications of industry organizations such as ACEA, and fulfills the requirements of OEMs such as Ford and Jaguar Land Rover.

PERFORMANCE FEATURES & BENEFITS

- Improved fuel economy.
- Superb protection for exhaust catalyst and diesel particulate filter.
- Outstanding engine protection after cold starting.
- Excellent protection against rust and corrosion.
- Excellent wear prevention ensuring long engine life.

6003-JLR30

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.851
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	4780@-30°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	57
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	10.2
Viscosity Index, ASTM D2270	168
Flash Point(COC), °C, ASTM D92	226
Pour Point, °C, ASTM D97	-45
Viscosity at high temp. & high shear rate, mPa.s, CEC-L-36-A-90	> =2.9
Total Base Number, mg KOH/g, ASTM D2896	6.4
Sulphated Ash, %wt, ASTM D874	0.5



SAE 5W-30



API SN/CJ-4, ACEA C1



Meets or Exceeds
Ford M2C 934-B, Jaguar Land Rover STJLR.03.5005



12446AL-5885

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.865
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5050@-25°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	97.5
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	15.15
Viscosity Index, ASTM D2270	164
Flash Point(COC), °C, ASTM D92	228
Pour Point, °C, ASTM D97	-39
Total Base Number, mg KOH/g, ASTM D2896	8

ATLANTIC X^{4T} MOTOR OIL

DESCRIPTION

ATLANTIC 4T SYNTHETIC MOTOR CYCLE OIL SAE 10W-40 SL JASO MA2 is a synthetic superior performance premium engine oil formulated with the latest additive technology for maximum engine, gearbox & clutch protection against wear, corrosion, oil oxidation, piston deposits and sludge under all conditions. It meets the requirements of API SL and JASO MA2.

PERFORMANCE FEATURES & BENEFITS

- Maximum wear protection.
- Minimum sludge formation & reduced piston deposits.
- MAXIMUM power and acceleration.
- Suitable for wet clutch systems.
- Trusted protection for performance engines.
- Latest oil technology for less wear, sludge & piston deposits.
- Extends engine life by reducing formation of high temperature engine deposits.



SAE 10W-40



API SL, SH, SG, JASO MA, MA2



*Meets or Exceeds
Aprilia, BMW, Honda, Kawasaki, KTM,
Moto Guzzi, Suzuki, V Moto, Yamaha, Cagiva,
Can-Am, Ducati, Hyosung, Triumph & more*

HEAVY DUTY

DIESEL ENGINE OILS

ATLANTIC[®]







SUPER TOP FLEET HD-V DIESEL ENGINE OIL

DESCRIPTION

ATLANTIC SUPER TOP FLEET HD-V DIESEL ENGINE OIL SAE 15W-40 API CK-4 is advanced diesel engine oils that help extend engine life, allowing you to run your business with confidence. These products meet or exceed original equipment manufacturer (OEM) requirements and deliver high performance in both on and off-highway applications.

Fully backward compatible, ATLANTIC SUPER TOP FLEET HD-V DIESEL ENGINE OIL SAE 15W-40 API CK-4 delivers exceptional performance in both newer and older heavy-duty engine designs. Accordingly, these oils meet or exceed the requirements of API CK-4, CJ-4, CI-4 PLUS, CI-4 and CH-4 service categories, as well as key OEM requirements. ATLANTIC SUPER TOP FLEET HD-V DIESEL ENGINE OIL SAE 15W-40 API CK-4 is universal, meaning they may also be used in gasoline engines requiring the API SN specification.

PERFORMANCE FEATURES & BENEFITS

- Meets demanding specifications of key OEMs and latest API gasoline service category - One engine oil for mixed fleet operations
- Outstanding oxidation stability - Extended ODI capability. Reduced low temperature sludge build-up and high temperature deposits
- Excellent soot and viscosity control - Greater engine efficiency, long engine life & long oil life
- Excellent oil consumption control - Lower oil costs due to less make-up oil during operation
- Outstanding TBN reserves - Corrosion protection & extended drain intervals for both new & old engines using up to 500 ppm sulfur diesel fuel
- Low temperature fluidity and pumpability - Formulated for smooth starting in cold weather
- Resistance to corrosive and abrasive wear - Long life of critical wear surfaces
- Component compatibility - Long gasket & seal life
- Low ash formulation meeting API CK-4 and CJ-4 requirements - Long emissions aftertreatment life (DPF, DOC and SCR)



FP-0032022248

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.8594
Cold Cranking Viscosity (CCS), mPa s, ASTM D5293	5900@-20°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	104.3
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	15.04
Viscosity Index, ASTM D2270	151
Flash Point(COC), °C, ASTM D92	240
Pour Point, °C, ASTM D97	-33
Total Base Number, mg KOH/g, ASTM D2896	10

SAE 15W-40

API CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4 / SN, ACEA E9, E7

OEM Approvals

MB Approval 228.31, Volvo VDS-4.5, MAN M 3775, Deutz DQC III-18 LA, MTU Type 2.10, Caterpillar ECF-3

Meets or Exceeds

Allison TES 439, JASO DH-2, Isuzu DEO (w/ DPD Equipped Vehicles) Detroit Diesel DFS 93K222, 93K218, Caterpillar ECF-3, Cummins CES 20086, 20081, RVI RLD-3, VDS-4.5, Mack EOS-4.5, EO-O Premium Plus



SUPER TOP FLEET DIESEL ENGINE OIL

DESCRIPTION

ATLANTIC SUPER TOPFLEET DIESEL ENGINE OIL SAE 15W-40 API CI-4/SL are conventional multi-grade Heavy Duty Diesel Engine Oil formulated to provide excellent performance in heavy duty fleets, marine and industrial applications. The advanced product technology offers a medium extended drain formulation that helps maximize engine durability. This extra high performance has been proven in the field in a wide variety of industries, applications, and mixed fleets including passenger cars.



SAE 15W-40



**API CI-4, CI-4/SL, CH-4,
ACEA A3/B4, E7**



*Meets or Exceeds
MB-228.3, Volvo VDS-3, Mack OE-M+,
MAN-M-3275, Detroit Diesel 93K215,
MTU Type 2, CUMMINS 20072/7*

0423536HT-INF D 3451

PERFORMANCE FEATURES & BENEFITS

- High thermal and oxidation stability.
- Deposit control and acid neutralization.
- Start-up wear protection.
- Cleaner engines and longer component life.
- Improved soot handling.
- TBN reserves.
- Advanced detergency/dispersancy.
- Excellent low temperature properties.
- Exceptional high temperature protection for hot running engines under heavy load.
- Component compatibility.
- Longer gasket and seal life.
- Stay-in-grade shear stability.
- Improved viscosity control & used oil pumpability.

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.875
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6800@-20°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	110.3
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	14.5
Viscosity Index, ASTM D2270	135
Flash Point(COC), °C, ASTM D92	230
Pour Point, °C, ASTM D97	-27
Total Base Number, mg KOH/g, ASTM D2896	10.5

SUPER TOP FLEET DIESEL ENGINE OIL



Statement of Quality

Atlantic Super Top Fleet Engine Oil SAE 15W-40

We hereby confirm that Atlantic Super Top Fleet Engine Oil SAE 15W-40 engine oil formulated and blended with Afton Chemical Ltd additive package HITEC® 8799B at 16.2% mass oil code LBB 11456-G meets the performance of:

Caterpillar ECF-1a

This statement is invalidated if the formulation and/or recommended blending procedures have been changed.

For Afton Chemical Ltd,

Kaldev Chaggar
Customer Technical Service

November 2014



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Afton Chemical Limited is a wholly owned subsidiary of National Oil Corporation which has subsidiaries and affiliates worldwide.
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CATERPILLAR ECF-1A

TOP FLEET LOW SAPS LONG DRAIN DIESEL ENGINE OIL



Mercedes-Benz AG | 70546 Stuttgart

Mercedes-Benz

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Ihr Zeichen, Ihre Nachricht vom/
Your reference
01.07.2022

Unser Zeichen, unsere Nachricht vom/
Our reference number
RD/PM-168549

Date
04.08.2022

MB-Approval Certificate – New Approval - Engine Oil - Restene
MB-Approval 228.52 for: "ATLANTIC TOP FLEET LOW SAP LONG DRAIN ENGINE OIL SAE 5W-30"
Oil-Code: FP-0032022 16 1-A, SAE-Grade: 5W-30

Reblend to IME 1805644-A with Oil-Code: IME 1805644-A
Supplier: Infineum UK Limited

Dear Sir or Madam,

The aforementioned operating fluid complies with the requirements of the Mercedes-Benz Specifications for Operating Fluids, sheet 228.52 and is therefore approved for the respective Mercedes-Benz vehicles and assemblies. The application range is shown on the MB sheet and further defined on the sheet 223.2. Further requirements, e.g. SAE grades, capacities, change intervals etc. must also be observed.

The following regulations apply for the MB-Approval:

- The MB-Approval comes into force on the date shown on this certificate
- The MB-Approval will expire in 5 years at the latest
- The MB-Approval automatically terminates on expiry of the validity period at the latest
- The MB-Approval is only valid as long as the product name is listed on the Mercedes-Benz Operating Fluids website <https://operatingfluids.mercedes-benz.com> or <https://operatingfluids.mercedes-benz-trucks.com>
- Applications for renewals or new approvals etc. must be made in good time
- In addition, the regulations laid down in the current "Obligations Regarding Approval for Operating Fluids" contract apply.

A 2-liter back-up sample of each formulation, which can be called upon by Mercedes-Benz AG at any given moment, must be retained. We will inform you of the dispatch address.

Sincerely
Mercedes-Benz AG:

I.V. Ralf Kruenberg

I.V. Dr. Jochen Betsch

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Vorstand/Board of Management: Ola Källénius, Vorstandsvorsitzender/Chairman; Jörg Burzer, Romain Jurgé, Sabine Köhler, Harald Wilms,
Markus Schöler, Britta Seeger

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MB-APPROVAL 228.52





TOP FLEET LOW SAPS LONG DRAIN DIESEL ENGINE OIL

DESCRIPTION

The state-of-the-art wear-reducing additives contained within this synthetic engine oil are engineered to combine stable oil performance with excellent engine protection, resulting in extended drain intervals without ever compromising on engine protection. The ultra-thin protective oil film retains its excellent protective properties over a wide range of temperatures. Furthermore, the engine oil has high shear resistance, cutting down on maintenance costs by further extending drain intervals.

PERFORMANCE FEATURES & BENEFITS

- Aftertreatment protection: full aftertreatment system protection.
- Fuel economy: superior fuel economy and CO₂ reduction.
- Total engine protection: outstanding engine cleanliness and durability.

D3337-INF-B

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.847
Cold Cranking Viscosity (CCS), mPa s, ASTM D5293	5638@-30°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	66.9
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	12.13
Viscosity Index, ASTM D2270	181
Flash Point (COC), °C, ASTM D92	232
Pour Point, °C, ASTM D97	-45
Total Base Number, mg KOH/g, ASTM D2896	13.4
Sulphated Ash, %wt, ASTM D874, max	0.96



SAE 5W-30



ACEA E4, E6, E7, E9, API CK-4

Recommendations / Specifications

MB-Approval 228.51/228.52(OEM approved) MAN M3677, M3777, MTU Oil Category 2.1, MTU Oil Category 3.1, DEUTZ DQC-IV-18 LA, VOLVO VDS-4.5, RENAULT RLD-3, RENAULT RLD-4, SCANIA LDF-4, MACK EO-S 4.5, CATERPILLAR ECF-3, CUMMINS CES 20081, CUMMINS CES 20086, JASO DH-2-17, DETROIT DIESEL DFS 93K218, DETROIT DIESEL DFS 93K222



SYNTHECH LONG DRAIN DIESEL ENGINE OIL

DESCRIPTION

ATLANTIC SYNTHECH LONG DRAIN SAE 10W-40 LS is a full synthetic low SAPS engine oil formulated with unique long drain additive technology for extended drain up to 100,000km² in the latest European diesel engines with modern low emission systems (including DPFs), in accordance with OEM specifications. It has natural multigrade characteristics & an exceptional ability to withstand very high temperatures. Its unshearable grade is guaranteed throughout the whole term of service. The ultra-thin protective oil film retains its excellent protective properties over a wide range of temperatures.



SAE 10W-40

**ACEA E4, E6, E7, E9
API CJ-4, CI-4, JASO DH-2**

Meets or Exceeds

**MB-Approval 228.51, 228.31, MAN M 3477, M3575,
M 3271-1, Scania Low Ash, Volvo VDS-4, Cat ECF-3,
MTU Oil Category 3.1 and 2.1, Cummins CES 20081,
Mack EO-O Premium Plus, Renault RLD-3,
Deutz DQC IV-10 LA, Detroit Diesel 93K218**

D3336/7

PERFORMANCE FEATURES & BENEFITS

- Exceptional resistance to contaminants, and delivers outstanding performance when you run extended drains, even under severe operating conditions.
- Unique additive technology helps to maximize engine performance throughout extended drain intervals:
 - Fights harmful acids which form during engine operation, maintaining TBN reserve throughout the oil drain
 - Fights wear to critical engine components
 - Fights piston deposits even under severe operating conditions.
- ATLANTIC SYNTHECH LONG DRAIN SAE 10W-40 LS is recommended for DAF, IVECO, MAN, Mercedes-Benz, Renault, Scania and Volvo Euro 4 or Euro 5 engines for extended drain in accordance with their specifications.

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.864
Cold Cranking Viscosity (CCS), mPa s, ASTM D5293	6700@-25°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	95
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	14.3
Viscosity Index, ASTM D2270	155
Flash Point(COC), °C, ASTM D92	220
Pour Point, °C, ASTM D97	-39
Total Base Number, mg KOH/g, ASTM D2896	13.4
Sulphated Ash, %wt, ASTM D874, max	0.96



AGRICULTURAL

OILS



SYNTHECH SUTO SUPER UNIVERSAL TRACTOR OIL

DESCRIPTION

ATLANTIC SUTO is a high quality /high performance engine oil that meets all the lubrication requirements of farm tractors and agricultural machinery. ATLANTIC SUTO is a multi-grade viscosity oil that spans a wide temperature range and is suitable for use in a variety of engines including naturally aspirated and turbocharged diesel & petrol engines. It is suitable for use in tractor hydraulic, transmission, and wet brake systems as well as gear boxes in all farm machinery.

ATLANTIC SUTO provides excellent protection under the most arduous operating conditions and is formulated according to the most demanding performance requirements. ATLANTIC SUTO includes friction modifier additives to provide smooth operation of the wet brake system to prevent squawk and chatter. ATLANTIC SUTO offers the convenience of a single lubricant approach that delivers top performance and avoids the need for stocking of multiple lubricants eliminating the risk of incorrect use in the field.

PERFORMANCE FEATURES & BENEFITS

- Excellent Thermal Stability
- Reduces Oil Inventory
- Reduced Fuel Consumption
- Lower Emissions
- Low Drag Formulation
- Resists Black Sludge
- Reduced Friction
- Improved Engine Cleanliness
- Rapid Circulation on Start-up
- Low Oil Consumption
- Excellent Anti-wear Protection
- Low Chlorine Formulation (for safe disposal or recycling)

12826A-TO

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.889
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	80.05
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	11.3
Viscosity Index, ASTM D2270	132
Flash Point(COC), °C, ASTM D92	220
Pour Point, °C, ASTM D97	-33
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6500@-25°C
Total Base Number, mg KOH/g, ASTM D2896	10.5
Sulphated Ash, wt/wt%	1.5



SAE 10W-30



Meets or Exceeds

API SL/CG-4, Ford M2C 159B, MIL-L-2104C/D, MIL-L-45199B
API GL4, Ford M2C 134D, John Deere: JD 303, JD 20A, J20C, J14B
MIL-L-2105, Ford ESN-86A/B, Massey-Ferguson: 1139, M1135,
M1127A, Case: MS 1206, 1H 86, Caterpillar Series 3

TRANSMISSION

OILS





12757G0

TOP GEAR EXTREME PRESSURE AUTOMOTIVE TRANSMISSION OIL

DESCRIPTION

ATLANTIC TOP GEAR OIL SAE 80W90 GL5 is a multi-grade mineral automotive gear oil manufactured with modern extreme pressure additives and friction modifiers, meeting the requirements of API GL-5 and MT-1, as well as many other manufacturer specifications. It contains the correct dosage of limited-slip additive eliminating the need for an additional product when used in limited slip differentials. Through their mono-grade and multi-grade viscosity characteristics they meet the requirements of several automotive manufacturers for passenger cars and commercial trucks or buses. Meets the quality requirements of numerous vehicle manufacturers such as IVECO, MAN, SCANIA and VOLVO for heavy vehicles rear axles and final drive units.

PERFORMANCE FEATURES & BENEFITS

- Anti-shudder additive technology
- Superior thermal stability
- Longer drain intervals
- Compatible with all seal & metal types
- Minimizes inventory
- High safety margin against foaming & corrosion
- Superior protection against scoring & spalling wear
- Maintains cleanliness & reduces abrasive wear
- Very good wear protection, even under severe load conditions.

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.913
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	129.9
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	14.62
Viscosity Index, ASTM D2270	113
Flash Point(COC), °C, ASTM D92	216
Pour Point, °C, ASTM D97	-18
Brookfield Viscosity @ -26 °C, Cp, ASTM D2983	1,50,000 MAX



SAE 80W-90



API GL-5



Meets or Exceeds
MAN 342 M2, MB 235.0 / 235.1 / 235.2
IVECO, MAN, SCANIA and VOLVO

ATF DEXRON III

AUTOMATIC TRANSMISSION FLUID

DESCRIPTION

ATLANTIC ATF DEXRON III is a semi-synthetic lubricant based on carefully selected highly refined base oils with a very high viscosity index for most automatic transmissions. The improved fluidity at low temperatures ensures optimum performance in all conditions. Its exceptional frictional characteristics provide smooth switching and driving comfort.



ATF D III



Meets or Exceeds

ALLISON C4, FORD MERCON, GM 6417-M DEXRON III -G, MAN 339 V1/Z1, MB 236.5, 236.9, VOITH H55.6335xx, ZF TE-ML 03D, 04D, 09, 11B, 14A, 17C, VOLVO ST D 1273,40 (97340), 41 (97341)

12716AT

PERFORMANCE FEATURES & BENEFITS

- Anti-wear protection: significantly extended transmission life.
- Extended oil life: excellent thermal and oxidation stability
- Increased clutch band and clutch pack capacity.
- Efficient operation of power steering units in all conditions.
- Enhanced friction durability for smooth transmission performance
- Improved protection of copper and bronze components
- Effective seal compatibility reduces the risk of leakages

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Color, VISUAL	RED
Density at 15°C, g/ml, ASTM D4052	0.855
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	36.0
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	7.1
Viscosity Index, ASTM D2270	165
Flash Point(COC), °C, ASTM D92	196
Pour Point, °C, ASTM D97	-42

ATF DEXRON VI

AUTOMATIC TRANSMISSION FLUID

DESCRIPTION

ATLANTIC FULLY SYNTHETIC ATF D VI is formulated with premium synthetic base stocks and advanced additive technology, and meets all the stringent requirements of General Motors' DEXRON®-VI specification, which is designed for the modern automatic transmissions in GM vehicles. ATLANTIC FULLY SYNTHETIC ATF D VI can be used in new and old GM automatic transmissions & it is fully back-serviceable and can be used wherever DEXRON®-11 and/or DEXRON®-III are recommended.



ATF D VI



*Meets or Exceeds
General Motors DEXRON®-VI Requirements & for
2006 and newer GM vehicles. Meets the performance
requirements of MB 236.41, Allison C-4 &
VOITH H55.6335xx.*

12714AT

PERFORMANCE FEATURES & BENEFITS

- Optimized frictional properties that provide smooth gear shifting during low temperature operation and help prevent transmission vibration
- Extends transmission fluid life and prevents fluid breakdown at higher operating temperatures
- Improved oxidation and thermal stability
- Reduces sludge and varnish build-up
- Outstanding low temperature performance
- Maintains lubricity
- Thoroughly field tested
- Low viscosity formulation provides fuel economy benefits compared with fluids formulated to meet DEXRON®IIIH or earlier specifications.
- Improved anti-wear protection which contributes to extended transmission life
- Protects transmission gears and allows them to operate smoothly

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Color, VISUAL	RED
Density at 15°C, g/ml, ASTM D4052	0.847
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	30 MAX
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	6
Viscosity Index, ASTM D2270	150 MIN
Flash Point(COC), °C, ASTM D92	200 MIN
Pour Point, °C, ASTM D97	-45 MAX
Brookfield viscosity at -40°C, mPa.s, ASTM D2983	18000



12710AT

CVT CONTINUOUSLY VARIABLE TRANSMISSION FULLY SYNTHETIC UNIVERSAL CVT FLUID

DESCRIPTION

ATLANTIC FULLY SYNTHETIC CVT FLUID is a full synthetic lubricant based on carefully selected very high quality base oils that has been designed to be used in most CVT gearboxes. It is suitable for continuously variable transmissions, using steel push-belts or chains. It offers outstanding antiwear protection and stable friction characteristics. Meets or exceeds the quality requirements of most American, Japanese & European manufacturers.

PERFORMANCE FEATURES & BENEFITS

- Excellent Frictional Properties
- Outstanding Wear Protection
- Resists Heat
- Superior Wet-Clutch Performance
- Help prevent belt and chain slipping and help extend transmission life.
- Effectively resists wear to the transmission's vital parts, helping achieve long life.
- Superior wet-clutch performance for outstanding anti-shudder durability
- Excellent thermal and oxidation stability.
- Extended oil life

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Color, VISUAL	RED
Density at 15°C, g/ml, ASTM D4052	0.852
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	34.2
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	7.35
Viscosity Index, ASTM D2270	189
Flash Point(COC), °C, ASTM D92	212
Pour Point, °C, ASTM D97	-45
Brookfield viscosity at -40°C, mPa.s, ASTM D2983	16000



CVT



Recommendations / Specifications

AUDI TL 52180, DAIHATSU AMIX CVTF DFE, CVTF-DC, FORD WSS -M2C928-A, CVT23, CVT30, MERCON C, GM SATURN DEX-CVT, HONDA HCF -2, HMMF, HYUNDAI SP -CVTI, SP -III, KIA SP -III, MB 236.20, MINI EZL799A, MITSUBISHI CVTF -JI/SP -III, CVTF J-4, NISSAN NS-1/NS-2/NS-3, SUBARU CVT, Lineartronic CVTF, I-CVT, SUZUKI CVTF GREEN 2, TC /NS -2/CVT Green 1, TOYOTA TC, CVT FE, VW G 052 180, G 052 516, BMW 8322 0 136 376, 8322 0 429 154, DODGE/JEEP NS-2, CVTF+4®, MOP AR® CVT 4, ZF CVT VI



TOP GEAR FULLY SYNTHETIC ATF DCT FLUID

DESCRIPTION

ATLANTIC TOPGEAR FULLY SYNTHETIC ATF DCT FLUID is a fully synthetic lubricant combining carefully selected advanced DCT additive technology with high quality base oils, specifically developed for the dual clutch transmissions (DCT) of modern passenger cars. It ensures trouble-free operation of these gearboxes and excellent wet clutch friction stability.

PERFORMANCE FEATURES & BENEFITS

- Anti-wear protection: significantly extended transmission life.
- Extended oil life: excellent thermal and oxidation stability.
- Exceptional shear stability
- Excellent oxidation control
- Maximum fuel efficiency
- Enhanced friction durability for smooth transmission performance
- Excellent seal compatibility
- Superior anti-shudder durability
- Exceptional corrosion protection

12712AT-3460HT

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Color, VISUAL	AMBER
Density at 15°C, g/ml, ASTM D4052	0.849
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	34.5
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	7.1
Viscosity Index, ASTM D2270	174
Flash Point(COC), °C, ASTM D92	204
Pour Point, °C, ASTM D97	-45
Brookfield viscosity at -40°C, mPa.s, ASTM D2983	13,200



DCT



Recommendations / Specifications

VW G 052 182 A2 / AUDI G 052 529 A2 S-TRONIC, / VW G 055 529 A2/ BMW DCTF -1 / BMW 83222147477 / BMW 83222148578 / BMW 83222148579 / BMW 83220440214 / FORD WSD-M2C200-D2 / FORD USA XT-11-QDC / FORD WSS-M2C-936-A / FORD 1490761 / FORD 1490763 / CHRYSLER 68044345EA / CITROËN / PEUGEOT 9734.S2 FOR DCS6 (PEUGEOT 4007, CITROËN C-CROSSER) / FIAT 9.55550-MZ6 FÜR TCT (TWIN CLUTCH TRANSMISSION) IN ALFA ROMEO UND GIULIETTA / RENAULT EDC 6-SPEED / VOLVO POWERSHIFT 6-SPEED (GFT) / 1161838 / 1161839 / MITSUBISHI TC-SST 6-SPEED (GFT) / MZ320065 DIAQUEEN SSTF-1 / MB 236.21

SYNTHECH ULTRA PERFORMANCE GEAR OIL

DESCRIPTION

ATLANTIC Synthech Gear oil 75W-90 is a smooth shift extreme pressure API GL-5 semisynthetic gear oil, with superior high temperature stability when compared to conventional mineral gear oils. Ideal for use in transaxle applications with combined manual gearbox and differential. It is formulated using hydro finished base fluids with superior additive packages to enhance wear protection, corrosion protection, seal compatibility and low temperature characteristics.



SAE 75W-90



API GL 5



Meets or Exceeds

API GL-5 GL-4 Plus, GM 12346190, MB 235.10/235.4, Chrysler MS 9224, ZF TE-ML01/02/08, BTR 5M-42, MAN 341, US Military MIL-L-2105, Ford ESW-M2C-83A/B, ESPM2C-83, WSD M2C200-C, GM HN 1046, 1070, 1820, 1855, 2276 Voith Turbo 132.00374401, Voith Turbo 132.00374402, Siemens Traction Gears GmbH (former Flender Rail) T7302, SEW-Eurodrive

12774GO

PERFORMANCE FEATURES & BENEFITS

- Reduces gearshift baulking in cold temperatures
- Good corrosion protection and rust prevention for longer component life
- Smooth shift feel for the life of the oil
- Reducing harmful deposits
- Will not harm brass or bronze
- Contains synthetic base oils for longer life
- Superior oil film strength for excellent protection
- Better low temperature performance
- High viscosity index for better performance at high operating temperature
- Excellent wear reduction & good friction behavior
- High thermal and oxidation stability for longer life
- Compatible with synchro materials

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

Density at 15°C, g/ml, ASTM D4052	0.873
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	97.25
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	14.5
Viscosity Index, ASTM D2270	155
Flash Point(COC), °C, ASTM D92	210
Pour Point, °C, ASTM D97	-42
Four-Ball EP Weld, ASTM D2783, kg	250
Timken OK Load, ASTM D 2782, lb	95

SYNTHECH FULLY SYNTHETIC GEAR OIL

DESCRIPTION

ATLANTIC SYNTHECH GEAR OIL SAE 75W80 API GL-5 is a synthetic thermally stable long life gear lubricant designed for improved fuel economy in commercial vehicles using manual transmissions fitted with different synchronisers including latest ones based on carbon. ATLANTIC SYNTHECH GEAR OIL SAE 75W80 API GL-5 is blended from synthetic base fluids and an advanced technology additive system to provide unmatched protection for extended durability of driveline components and enhanced fuel efficiency. ATLANTIC SYNTHECH GEAR OIL SAE 75W80 API GL-5 provides excellent protection to gears and bearings and is also compatible with various components within the transmission and supports extension of drain intervals.



SAE 75W-80



API GL-5



Meets or Exceeds
Volvo 97305, DAF, IVECO, Renault, ZF TE-ML 02L/16K,
MAN 341 Type Z4/MAN 341 Type E3

12775G0

PERFORMANCE FEATURES & BENEFITS

ATLANTIC SYNTHECH GEAR OIL SAE 75W80 API GL-5 has superior lubricating properties providing improved fuel economy compared to conventional gear oil. The usage of superior additive technology with optimised friction levels ensures very good gear engagement with a variety of synchroniser materials including latest carbon. Exceptional thermo-oxidative stability helps in keeping the gears clean for longer periods and extending the oil life - significantly longer than conventional gear oils. Provides effective protection against rust and corrosion to gear components. Outstanding low temperature fluidity ensures in smoother gear shift performance. Exceptional shear stability helps retaining viscosity and film strength to protect against wear even under severe operating conditions.

TYPICAL TECHNICAL PROPERTIES

	1L-5L-20L-200L
Appearance, Visual	Bright & Clear
Density at 15°C, g/ml, ASTM D4052	0.859
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	9.5
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	56
Viscosity Index, ASTM D2270	155
Flash Point(COC), °C, ASTM D92	>190
Pour Point, °C, ASTM D97	-36 max
Brookfield Viscosity @ -40°C, mPa.s (cP), ASTM D2983	<150000

SPECIALITY

PRODUCTS



BRAKE & CLUTCH FLUID DOT 4

DESCRIPTION

ATLANTIC FRENO BRAKE FLUID DOT 4 is premium quality, non-silicone, non mineral/petroleum based, fully synthetic brake fluid designed for use in a wide range of brake and clutch applications. It offers superior dry and wet boiling points and maintains viscosity in cold and hot environments.



DOT 4



Recommendations / Specifications
FMVSS, No. 116, DOT 4 and DOT 3, SAE J1703/J1704, ISO 4925 Class 4&3 Meets the quality requirements of European Manufacturers

12521ASP

PERFORMANCE FEATURES & BENEFITS

- Excellent braking response due to high boiling point of fluid.
- High wet boiling point ensures long term retention of fluid performance.
- Better performance for life of fluid.
- Compatible with all common brake system materials
- Borate esters to scavenge water and maintain ERBP as the fluid ages
- Anti-corrosion properties: complete brake system protection.
- Elastomer compatibility: no leakage or fluid losses.

TYPICAL TECHNICAL PROPERTIES

	1L-5L-20L-200L
Density at 20°C, g/ml, ASTM D4052	1.040
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	1.5MIN
Dry ERBP (FMVSS No. 116) S.11, °C	>230
Wet ERBP (FMVSS No. 116) S.12, °C	>155
pH (FMVSS No. 116) S.14	7-11.5
Corrosion Test @ 100°C for 120hrs	Passes Test
Kinematic viscosity at -40°C, ASTM D445, mm ² /s (1800 max)	1550

ANTIFREEZE COOLANT CONCENTRATE-RED

DESCRIPTION

ATLANTIC ANTIFREEZE COOLANT CONCENTRATE -RED is a phosphate-free, silicate-free, nitrite-free, amines free and borate-free ethylene glycol base OAT Technology coolant that is designed to provide exceptional wet sleeve liner cavitation and corrosion protection of all cooling system metals.



12524R-ASP

PERFORMANCE FEATURES & BENEFITS

- Anti-freeze properties: Superior cold temperature performance
- Total system protection: Excellent heat transfer and dispersion
- Anti-corrosion properties: Outstanding corrosion protection

TYPICAL FREEZE/SPECIFIC GRAVITY CHART@20°C (g/mL)

(Using a 103.4kPa pressure cap)

Mixing Ratio		Freezing Point Protection (°C)	Specific Gravity @ 20°C (g/mL)
Antifreeze concentrate (%)	DeminerIALIZED water (%)		
40	60	-27	1.060
50	50	-40	1.074
60	40	-56	1.087

RECOMMENDATIONS / SPECIFICATIONS

European & International Standards : ASTM D 3306, ASTM D 4985, SAE J 1034, BS 6580: 2010, JIS K 2234, AFNOR NF R15-601, FFV Heft R443, CUNA NC 956-16, UNE 26361-88, NATO S 759

TYPICAL TECHNICAL PROPERTIES

CHARACTERISTIC	ASTM TEST METHOD	5L-20L-200L	
		CONCENTRATE	50/50
Appearance	Visual	RED	Red
pH, (50% vol)	D1287	10.5	8-10.5
Specific gravity	D1122	1.120-1.130	1.070-1.080
Boiling point, °C (°F)	D1120	162 min	109 min
Freezing point, °C (°F)	D1177	--	-40
Total water, mass %	D1123	<5	50
Ash content, mass %	D1119	<5	<2.5
Chloride, ppm	D3634	<25	<25

ANTIFREEZE COOLANT CONCENTRATE-BLUE



DESCRIPTION

ATLANTIC ANTIFREEZE COOLANT CONCENTRATE- BLUE is an ethylene glycol-based antifreeze/coolant specifically developed for use in any European vehicle requiring a silicate-enhanced Blue formula. It contains high-quality hybrid organic acid (HOAT) corrosion inhibitors and is free of nitrite, phosphate and amines chemicals.

PERFORMANCE FEATURES & BENEFITS

- Matches each European vehicle manufacturer's technology and color requirements
- Service life of up to 5 years/150,000 miles with a complete cooling system flush and fill
- Protects all cooling system metals from rust and corrosion
- Meets the performance requirements of ASTM D3306 and BS 6580

RECOMMENDATIONS / SPECIFICATIONS

Audi: Pre-1996 • BMW: All • Dodge: All Sprinter • Jaguar: Pre-1997 • Mercedes-Benz: Pre-2014 • Mini: All
Porsche: All 924, 928, 944, 968 • Range Rover V8 and Diesel: 1990-2005 • Saab: Pre-2000 • VW: Pre-1996 • Volvo: All



12524B-ASP

TYPICAL TECHNICAL PROPERTIES

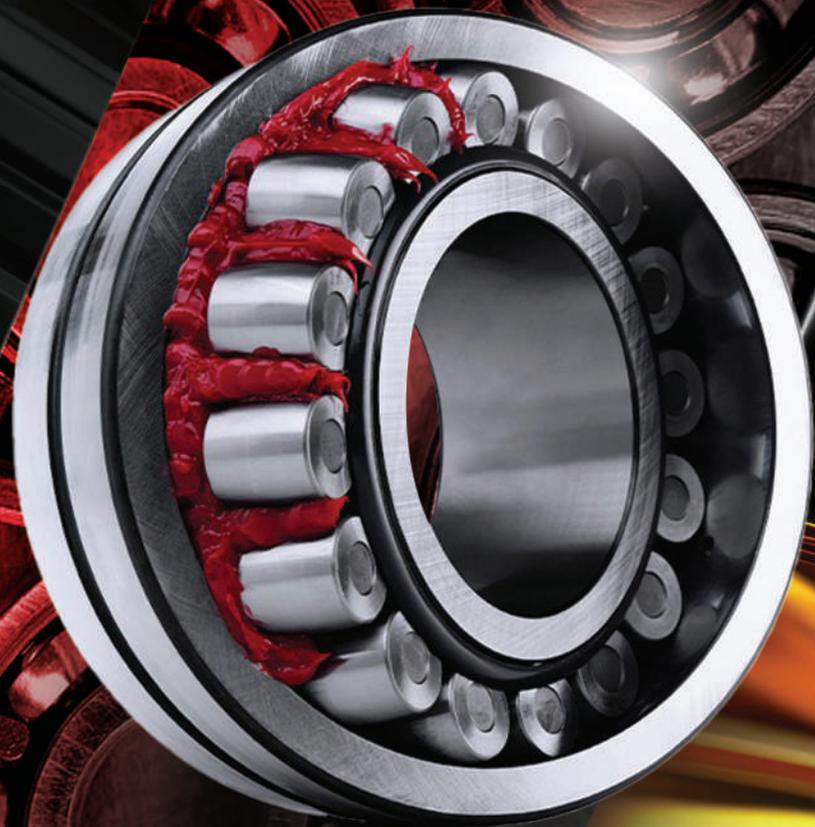
5L-20L-200L

CHARACTERISTIC	ASTM TEST METHOD	CONCENTRATE	50/50	ASTM D3306 LIMITS
Appearance	Visual	Blue	Blue	
pH, (50% vol)	D1287	8.8	8.8	7.0-11.0
Specific gravity	D1122	1.122	1.066	1.110-1.145
Boiling point, °C (°F)	D1120	--	108.2(227)	108 (226)Min
Freezing point, °C (°F)	D1177	--	-38.8(-37.8)	-36.4 (-33.5) Max
Effect on Automotive Finish	D1882	No Effect	No Effect	No Effect
Total water, mass %	D1123	3.3	50	5 Max*
Ash content, mass %	D1119	1.91	0.91	5 Max*
Chloride, ppm	D3634	12	<25	25 Max

*concentrate only

ATLANTIC[®]

GREASES





ATLANTIC

ATLANTIC

EP-3 LITHIUM GREASE

15kg

ATLANTIC

EP-3 LITHIUM GREASE

500G

ATLANTIC

LITHIUM COMPLEX EP-3

400g

LITHIUM COMPLEX GREASE EP-2

DESCRIPTION

ATLANTIC LITHIUM COMPLEX GREASE EP-2 is a high quality, lithium complex grease having high water tolerance and mechanical stability, combined with excellent high temperature performance. These are ideally suited for application by centralized grease systems due to good resistance to oil separation under pressure mechanical stability. ATLANTIC LITHIUM COMPLEX GREASE EP-2 provides excellent performance in anti-friction bearings and much longer life compared to Sodium or Lithium soap base greases. It is recommended for wheel bearings, earth moving equipment, gear couplings, electric motors and general industrial machinery. These greases are widely used in Steel Plants, Mining & Engineering Industry. Also available in NLGI 0, 1 & 3.

PERFORMANCE FEATURES & BENEFITS

- Long service life
- Low friction torque
- Resistant to wash-off by water
- High Load carrying capacity and low wear
- Good pumpability
- High Load carrying capacity and low wear
- Fully compatible with other Lithium greases

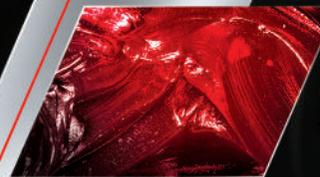


TYPICAL TECHNICAL PROPERTIES

400GM, 500GM, 1KG,
3.5KG, 5KG, 15KG, 18KG, 180KG

12807G

Thickener Type	Li-Complex
NLGI Classification	2
Color, Visual	Dark Blue
Base oil viscosity, kv at 40°C, cSt, ASTM D - 445	150-220
Dropping Point, °C, ASTM D2265	265
Worked Penetration @25°C 60 strokes, ASTM D217	265-295
4-Ball Wear Test, ASTM D 2266, scar, mm	0.5
4-Ball Weld Load, ASTM D 2596, kg	315
Copper Strip Corrosion for 24hrs @100°C, ASTM D4048	1a
Timken OK Load, ASTM D 2509, lb	40
Bomb Oxidation, ASTM D 942, Pressure drop at 100 hrs, kPa (psig)	35(5)
Corrosion Prevention, ASTM D 1743	PASS
Rust Protection, IP 220-mod., Distilled Water Washout	0,0
Penetration Consistency Change, Roll Stability, ASTM D 1831, mm/10	0
Operating temperature range °C	-15 to 150



Thickener
Lithium Complex



NLGI Grade 2

LITHIUM GREASE EP-3

DESCRIPTION

ATLANTIC LITHIUM GREASE EP-3 is a high quality, lithium grease having high water tolerance and mechanical stability, combined with excellent high temperature performance. These are ideally suited for application by centralized grease systems due to good resistance to oil separation under pressure mechanical stability.

ATLANTIC LITHIUM GREASE EP-3 provides excellent performance in anti-friction bearings and much longer life compared to Sodium or Lithium soap base greases. It is recommended for wheel bearings, earth moving equipment, gear couplings, electric motors & general industrial machinery. These greases are widely used in Steel Plants, Mining and Engineering Industry. Also available in NLGI 0, 1 & 2.

PERFORMANCE FEATURES & BENEFITS

- Long service life
- Low friction torque
- Resistant to wash-off by water
- High Load carrying capacity and low wear
- Good pumpability
- Fully compatible with other Lithium greases



TYPICAL TECHNICAL PROPERTIES

400GM, 500GM, 1KG,
3.5KG, 5KG, 15KG, 18KG, 180KG

Thickener Type	Lithium
NLGI Classification	3
Color, Visual	Yellow
Base oil viscosity, kv at 40°C, cSt, ASTM D - 445	100-120
Dropping Point, °C, ASTM D2265	180-190
Worked Penetration @25°C 60 strokes, ASTM D217	220-250
4-Ball Wear Test, ASTM D 2266, scar, mm	0.5
4-Ball Weld Load, ASTM D 2596, kg	200
Copper Strip Corrosion for 24hrs @100° C, ASTM D4048	1a
Timken OK Load, ASTM D 2509, lb	40
Bomb Oxidation, ASTM D 942, Pressure drop at 100 hrs, kPa (psig)	35(5)
Corrosion Prevention, ASTM D 1743	PASS
Rust Protection, IP 220-mod., Distilled Water Washout	0,0
Penetration Consistency Change, Roll Stability, ASTM D 1831, mm/10	0

12803G



Thickener
Lithium



NLGI Grade 3



INDUSTRIAL OILS



AW-32 12662HF AW-46 12663HF

HYDRAULIC OIL AW

DESCRIPTION

ATLANTIC HYDRAULIC OILS AW are supreme performance anti-wear hydraulic oils designed to satisfy a wide range of hydraulic equipment requirements. They were developed to meet the stringent requirements of severe hydraulic systems using high pressure, high output pumps as well as handling the critical requirements of other hydraulic system components such as close clearance servo-valves and the high accuracy numerically controlled (NC) machine tools. Formulated with high quality base oils and a super-stabilized additive system that neutralizes the formation of corrosive materials & designed to work with systems operating under severe conditions where high levels of antiwear and film strength protection are needed, yet they are formulated to work where non-antiwear hydraulic oils are generally recommended.

PERFORMANCE FEATURES & BENEFITS

- High protection against wear insuring maximum equipment life.
- Superior thermal stability avoiding formation of sludge even at high temperature.
- Very good oxidation stability ensuring a long service life of the fluid
- Quality reserve maintains performance features even under severe service conditions and extended drain intervals
- Excellent hydrolytic stability avoiding filter blocking.
- Excellent protection against rust and corrosion.
- Good anti-foam and air release properties by using silicon free components.
- Good demulsibility ensuring rapid water separation
- Reduced maintenance and operating costs
- Remarkable filterability even in the presence of water

TYPICAL TECHNICAL PROPERTIES

1L-5L-20L-200L

ISO Viscosity Grade	32	46
Appearance, Visual	B&C	B&C
Density at 15° C, g/ml, ASTM D4052	0.860	0.870
Kinematic Viscosity at 40° C, mm ² /s, ASTM D445	32	46
Kinematic Viscosity at 100°c, mm ² /s, ASTM D445	5.42	6.79
Viscosity Index, ASTM D2270	102	100
Flash Point(COC), °C, ASTM D92	216	222
Pour Point, °C, ASTM D97	-33	-30
TAN, mg KOH/g, ASTM D974	0.4	0.4



ISO Viscosity Grade
AW 32 & 46

Meets or Exceeds

ISO 6743/4 HM, DIN 51524 P2 HLP, CINCINNATI MILACRON P68, ASTM D6158 Type HM, Eaton Brochure No. 03-401-2010, E-FDGN-TB002-E, ISO 11158 HV & HM, EATON VICKERS M-2950S, I-286-S, DENISON HF0, HF1, HF2 (T6H20C), HUSKY HS 207)



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PROFESSIONALS



ATLANTIC[®]

