



ATLANTIC X TURBO PLUS

High Performance Petrol and Diesel Engine Oils

PRODUCT DATA

DESCRIPTION

Atlantic X Turbo Plus Engine Oil series are semi synthetic advanced technology lubricants specially designed for cars powered by Diesel, turbo Diesel or Gasoline engines, with injection and catalytic converter. Suitable for all types of Gasoline and Diesel engines, using all types of fuels: leaded or unleaded Gasoline, Diesel fuel and LPG.

APPLICATIONS

Atlantic X Turbo Plus Engine Oil series is recommended for use in all naturally aspirated and turbo-charged diesel and petrol engines, providing excellent protection even under most strenuous conditions. Mixed fleets of European, North American diesel engines (high-speed, four-stroke, turbocharged and EGR) & Commercial road transport, including the latest electronic controlled engines.

PROPERTIES

Atlantic X Turbo Plus Engine Oil series uses exclusive combinations of highly refined Hydrocracked base stocks and high technology core additive package to maximize engine protection under severe conditions thus well positioned to address the needs of both European ACEA and American API performance standards, making them simply the top engine oil for both the modern North American engines and the top-tier West European engines.

PERFORMANCE FEATURES AND BENEFITS

- Particularly suitable for the latest diesel engines equipped with EGR
- Very efficient anti-deposit and anti-black sludge power which maintains a clean engine
- Excellent detergency and dispersancy level
- Exceptional high temperature protection for hot running engines under heavy load
- Longer Oil drain intervals
- Fuel economy
- Excellent low temperature protection for quick and easy startups in cold weather
- Component compatibility
- Longer gasket and seal life
- Stay-in-grade shear stability
- Wear protection and viscosity control
- Deposit control and acid neutralization
- Meets the requirements of Euro 2&3 engines & certain Euro 4 applications

RECOMMENDATIONS / SPECIFICATIONS

INTERNATIONAL STANDARDS : CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4, CF-4, CI-4/SM, CI-4/SL, CH-4/SJ, CF, Global-DHD-1, ACEA - A3/B3, E2,E3,E4,E5,E6,E7, E9, JASO-DH-1

OEM APPROVALS : MB-229.1 (SAE 15W-40)

MEETS OR EXCEEDS : Renault VI RLD-2, Volvo VDS-3, Mack EO-N, MAN-M-3275-1(MULTI GRADE)-TUC 0028/15, Detroit Diesel 93K215, DEUTZ -DQC-IV-10,DIII-10, MTU Type 2, CUMMINS CES 20078,77,76, CAT ECF-2, ECF-1-a, ZF TE-ML-04C, MAN-M-3277/3477/3677, MB: 228.51/228.3/228.1, Caterpillar ECF-1a, ECF-2/3, IVECO-T11/TLS-E6

Meets quality requirements of most diesel engine manufacturers in the USA, Europe, Japan and Korea

TYPICAL TECHNICAL PROPERTIES							
Viscosity Grade, SAE J300	10W-40	15W-40	20W-50	10W-60	15W-50	5W-30	10W-30
Product code	0443637 HT	0443638 HT	0443635 HT	0443639 HT	0443636 HT	0443634 HT	0443633 HT
Density at 15°C, g/ml, ASTM D4052	0.874	0.878	0.879	0.874	0.878	0.847	0.867
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6000@-25°C	6000@-20°C	4500@-15°C	6000@-25°C	6150@-30°C	5638@-30°C	4800@-25°C
Kinematic Viscosity at 4°C, mm ² /s, ASTM D445	95	95.55	162.77	163.32	126	66.9	60.2
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	143	144.5	19.97	23.17	17.70	12.13	11.06
Viscosity Index, ASTM D2270	155	157	142	171	155	181	178
Flash Point(COC), °C, ASTM D92	228	226	232	234	232	232	228
Pour Point, °C, ASTM D97	-39	-33	-27	-33	-30	-45	-39
Total Base Number, mg KOH/g, ASTM D2896	107	11.4	107	11.8	107	11	11
Sulphated Ash, %wt, ASTM D874, max	1.2	1.16	1.2	1.18	1.2	1.31	1.31

Note: These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.



Packing : 700|800ml,1|2|3|4|5|6.5|7|8|16|18|20|25|200|205|208|210L,1|5|20|55 USQ

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*supersedes all previous versions

Health and Safety: This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.