



## ATLANTIC X ENGINE OILS

### PRODUCT DATA

### Premium High Performance Multigrade oil for Passenger Car Engines

#### DESCRIPTION

**Atlantic X** Engine Oils are premium high performance multigrade engine oils formulated from high quality base oils combined with modern performance additives to help provide long engine life and protect critical engine parts from lubricant related failures for up to 5,000 miles, providing wide temperature range engine protection.

#### APPLICATIONS

**Atlantic X** Engine Oils are suitable for petrol engines fitted with conventional carburetors and for naturally aspirated or turbo-charged indirect injection diesel engines (passenger cars and light industrial) vehicles. It could be used in all operating conditions (city traffic, road, motorways), whatever the season.

#### PROPERTIES

**Atlantic X** Engine Oils are specially formulated using extra cleaning additive to help protect against sludge and engine deposits. Additionally, pour point depressants and a viscosity index (VI) improvers are included to provide the optimum fluidity and viscosity across a broad range of temperatures & to provide extra protection against the harmful effects of stop-and-go driving and high and low temperature engine operation. It contains a **double layer** of engine wear protection with FULL ZINC FORMULATION.

#### PERFORMANCE FEATURES AND BENEFITS

- Superior engine wear protection
- Superior cleansing technology to help stop dirt and sludge build up
- Reduced high temperature engine deposits
- Superior engine protection during start up, warm-up and normal driving conditions
- Long-term wear protection of engine parts (distribution, ring, plunger and liner) increasing engine life.
- Can be used in both Diesel & LPG engines
- Excellent thermal and oxidation stability
- Reduces wear due to advanced base oils
- Helps clean and protect older engines
- Meets the most demanding car manufacturer's requirements
- Ensures the important engine seals stay soft and pliable to minimize oil leakage

#### RECOMMENDATIONS / SPECIFICATIONS

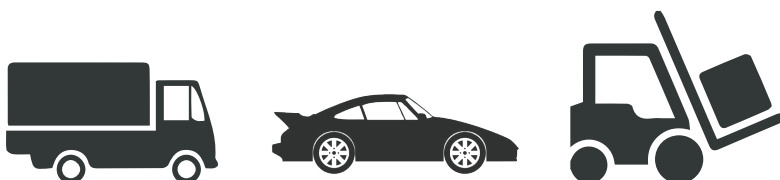
**INTERNATIONAL STANDARDS** : API SN/CF, SM/CF, SL/CF, SJ/CF, SG/CF, SG/CD,SF/CD

ACEA: A3/B3, A2/B2, JASO MA2 MA1 , JASO MB

**RECOMMENDED FOR USE:** Ford, GM, PSA, BMW, VW, Audi and Mercedes-Benz

TYPICAL TECHNICAL PROPERTIES								
Viscosity Grade, SAE J300	10W-30	10W-40	10W-60	15W-40	15W-50	20W-40	20W-50	20W-60
Product code	12421AL	12422AL	12423AL	12424AL	12425AL	12426AL	12427AL	12428AL
Density at 15°C, g/ml, ASTM D4052	0.886	0.887	0.888	0.889	0.889	0.889	0.893	0.893
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6300 @-25°C	6740 @-25°C	6800 @-25°C	7000 @-20°C	7200 @-20°C	7000 @-15°C	8000 @-15°C	8210 @-15°C
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445	85.77	100.22	177	106.75	131.34	115.18	176.76	229
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s, ASTM D445	11.84	13.6	22.7	14.77	17.70	15.09	19.51	24.2
Viscosity Index, ASTM D2270	130	138	155	143	149	136	127	132
Flash Point(COC), °C, ASTM D92	228	228	230	228	236	238	238	240
Pour Point, °C, ASTM D97	-30	-30	-30	-27	-27	-24	-24	-24
Total Base Number, mg KOH/g, ASTM D2896	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2

**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

ATL/PDS/AL/005/0\*, 10.08.15, Page 1/1  
\* 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.