



# ATLANTIC SYNTECH TURBO ENGINE OILS

*(Multigrad Heavy-Duty Diesel & petrol Engine Oils)*

## DESCRIPTION

These fully synthetic lubricant based on carefully selected highly refined base oils. This is a “Low SAPS” oil, made of a specially customized additive package, in order to meet Euro V, EURO VI and U.S. EPA 07 emission standards. Compared to other motor oils, it offers exceptional protection against wear and guarantees lower pollution. The formulation includes a state-of-the-art friction modifier for improved fuel economy.

## APPLICATIONS

Suitable for all four-stroke diesel/petrol Euro V and Euro VI engines of trucks, with or without catalysts (e.g. SCR) or particulate filter. Meets most American and European manufacturers requirements and can also be used in older engines (Euro III and IV). This lower viscosity grade has been specifically developed to achieve better fuel economy.

## PROPERTIES

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

## PERFORMANCE FEATURES AND 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 and used oil pumpability

## RECOMMENDATIONS / SPECIFICATIONS

**International Standards :** API CJ-4/SN, ACEA -A3/B4-10, E7-10, E2,E3,E4,E5,E6, E9, Global-DHD-1, JASO-DH-1  
**Meets or exceeds:** MB-228.3 , DEUTZ -DQC-III-10, Renault VI RLD-2, Volvo VDS-3, Mack EO-N, Mack OE-M+, MAN-M-3275-1(MULTI GRADE)-TUC 0028/15, Detroit Diesel 93K215, MTU Type 2, MB 229.1, Allison C4, CUMMINS CES 20078,77,76,75,72,71, CAT ECF-2, ECF-1-a, ZF TE-ML 07C, MIL-PRF-2104H/NATO O-1236  
Meets quality requirements of most diesel engine manufacturers in the USA, Europe, Japan and Korea

## TYPICAL TECHNICAL PROPERTIES

Viscosity Grade, SAE J300	10W-40	10W-30
<b>Product code</b>	0423536HT	0423536HT
Density at 15 <sup>0</sup> C, g/ml, ASTM D4052	0.864	0.860
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6026@-25 <sup>0</sup> C	6000@-25 <sup>0</sup> C
Kinematic Viscosity at 40 <sup>0</sup> C, mm <sup>2</sup> /s, ASTM D445	88.2	72.5
Kinematic Viscosity at 100 <sup>0</sup> C, mm <sup>2</sup> /s, ASTM D445	13.8	11.5
Viscosity Index, ASTM D2270	157	152
Flash Point(COC), °C, ASTM D92	220	220
Pour Point, °C, ASTM D97	-33	-36
Total Base Number, mg KOH/g, ASTM D2896	9.5	9.5
Sulphated Ash, %wt, ASTM D874, max	0.98	0.98

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

ATL/PDS/AL/010d1/0\*, 10.08.15, Page 1/1  
\* supersedes all previous versions

**Health and Safety:** Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS’s are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment.