# ATLANTIC SYNTHECH LONG DRAIN SAE 10W- 40 API CJ-4

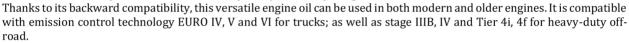
 $(Fully\ Synthetic\ Low\ SAPS\ Engine\ Oil-Maximum\ Drain\ Intervals)$ 

### 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  $100,000 \, \mathrm{km^2}$  in the latest European diesel engines with modern low emission systems (including DPFs), in accordance with OEM specifications. It has natural multigrade characteristics and 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.

## its excellent protect APPLICATIONS

ATLANTIC SYNTHECH LONG DRAIN SAE 10W-40 LS is designed for the latest low emission Euro 4 & Euro 5 European trucks and buses, especially those requiring a low SAPS lubricant.





Modern engines operate in constantly changing conditions which impacts engine performance. ATLANTIC SYNTHECH LONG DRAIN SAE 10W-40 LS's unique additive technology adapts to these changing conditions to help maximize engine performance. It provides 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.

Actual oil drain depends on engine type, operating conditions, service history, use of on-board diagnostics and fuel quality. Always consult your manufacturer's handbook.

### **RECOMMENDATIONS / SPECIFICATIONS**

International Standards: ACEA E4, E6, E7, E9, API CI-4, CI-4, IASO 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 DOC IV-10 LA. Detroit Diesel 93K218

#### TYPICAL TECHNICAL PROPERTIES

Viscosity Grade, SAE J300	10W-40
PRODUCT CODE	D3336/7
Density at 15°C, g/ml, ASTM D4052	0.864
Cold Cranking Viscosity@-25°C (CCS), mPa s, ASTM D5293	6700
Kinematic Viscosity at 40°C, mm²/s, ASTM D445	95
Kinematic Viscosity at 100°C, mm²/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

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

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\*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.