

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 100,000k m² 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.

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. Thanks to its backward compatibility, this versatile engine oil can be used in both modern and older engines. It is compatible with emission control technology EURO IV, V and VI for trucks; as well as stage IIIB, IV and Tier 4i, 4f for heavy-duty off-road.

PRODUCT BENEFITS

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 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

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, 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 |

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

