



# ATLANTIC TOP FLEET SAE 5W-30 CK-4 LOW SAP LONG DRAIN ENGINE OIL

(Fully Synthetic High Performance Diesel Engine Oil)



## DESCRIPTION

The state-of-the-art wear-reducing additives contained within this synthetic engine oil are engineered to combine stable oil performance with excellent engine protection, resulting in extended drain intervals without ever compromising on engine protection. The ultra-thin protective oil film retains its excellent protective properties over a wide range of temperatures. Furthermore, the engine oil has high shear resistance, cutting down on maintenance costs by further extending drain intervals.

## APPLICATIONS

Both off- and on-road heavy-duty applications with or without turbochargers, superchargers or after-treatment systems can be serviced with this engine oil. It meets the specifications of a wide range of high-demanding specifications including the Scania LDF-4. 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.

Suitable for classic cars, trucks, light commercial vehicles, agricultural machineries and other on-road & off-road systems requiring a 5W-30 API CK-4 or API SN engine oils.

Backward compatible with API CJ-4, CI-4 PLUS, CI-4 CH-4, CG-4, CF-4, and older specs.

## PROPERTIES

- Aftertreatment protection: full aftertreatment system protection.
- Fuel economy: superior fuel economy and CO2 reduction.
- Total engine protection: outstanding engine cleanliness and durability.

## PERFORMANCE FEATURES AND BENEFITS

This low viscosity engine oil offers complete engine protection and cleanliness over an extended period of time. It enables a wide range of vehicles to optimize engine performance whilst extending oil drain intervals.

## RECOMMENDATIONS / SPECIFICATIONS

International Standards: ACEA E4, E6, E7, E9, API CK-4

OEM Approvals: DTFR 15C120 (MB-Approval 228.51/228.52)

Meets or exceeds: MAN M3677, M3777, MTU Oil Category 2.1, MTU Oil Category 3.1, DEUTZ DQC-IV-18 LA, VOLVO VDS-4.5, RENAULT RLD-3, RENAULT RLD-4, SCANIA LDF-4, MACK EO-S 4.5, CATERPILLAR ECF-3, CUMMINS CES 20081, CUMMINS CES 20086, JASO DH-2-17, DETROIT DIESEL DFS 93K218, DETROIT DIESEL DFS 93K222

## TYPICAL TECHNICAL PROPERTIES

Viscosity Grade, SAE J300	5W-30
PRODUCTS CODE:	DEO-24083
Density at 15°C, g/ml, ASTM D4052	0.847
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	5638 @-30°C
Kinematic Viscosity at 40°C, mm²/s, ASTM D445	66.9
Kinematic Viscosity at 100°C, mm²/s, ASTM D445	12.13
Viscosity Index, ASTM D2270	181
Flash Point(COC), °C, ASTM D92	232
Pour Point, °C, ASTM D97	-45
Total Base Number (TBN), mg KOH/g, ASTM D2896	13.4
Sulfated Ash, wt%, ASTM D 874	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

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