



PRODUCT DATASHEET

SPC SDM 901

High Performance Diesel Engine Oil

SPC SDM 901 is high performance diesel engine oil specially formulated for high-speed, four-stroke engines designed to meet 2004 exhaust emission standards.

SPC SDM 901 is designed to sustain engine durability where exhaust gas recirculation (EGR) is used.

It meets the most severe lubrication requirements of European and US heavy-duty diesel engines particularly low emission EURO II, III, IV engines running under extreme conditions and extended oil drain intervals.

PERFORMANCE STANDARDS

SPC SDM 901 meets the following performance requirements:

- API CI4/SL
- ACEA E3-96 issue 4/E5-02/E7-04*
- Global DHD-1*
- Caterpillar ECF-1a
- Cummins CES 20078
- Mack EO-M Plus*
- MAN 3275*
- MB p 228.3*
- MTU Type II*
- Volvo VDS-2, VDS-3*

APPROVAL

- Cummins CES 20078*

LICENSE

- API CI4/SL*

* applicable to SAE 15W40

BENEFITS

SPC SDM 901 provides the following benefits:

- Resists formation of lacquer, sludge and other deposits in the engine system under high temperature operations.
- Extends oil drain intervals.
- Sustains engine durability where exhaust gas recirculation (EGR) is used.
- Maintains maximum engine protection due to superior wear and bearing corrosion control.
- Protects the engine against corrosion from arduous acidic combustion by-products with good anti-rust and anti-corrosion properties.
- Protects against the formation of varnish and gums at elevated temperatures
- Resists thickening, oil line and filter plugging through effective oxidation inhibitors.

APPLICATIONS

SPC SDM 901 is recommended for use in diesel engines, such as high speed, four-stroke, turbocharged or naturally aspirated engines operating under very severe conditions. It is suitable for both highway, off-highway vehicular diesel engines where SHPD (Super High Performance Diesel) oils and extended drain intervals are required.

Meets 2004 exhaust emission standards and is recommended for use in the latest exhaust gas recirculation (EGR) engines.

SPC SDM 901 can be used in place of CG-4, CH-4 and mixed fleets of gasoline engines.

TYPICAL CHARACTERISTICS

SPC SDM 901

SAE Grade	10W30	15W40
Viscosity, Kinematic		
at 40 °C, cSt	76.0	115.8
at 100 °C, cSt	11.3	15.6
Viscosity, Apparent		
at -20 °C, cP		5700
at -25 °C, cP	6200	
Viscosity Index	141	143
Specific Gravity, 15/15 °C	0.869	0.874
Flash Point, COC, °C	220	225
Pour Point, °C	-33	-30
TBN, mgKOH/g	9.7	9.7

The above figures are typical of current production and do not constitute a specification. Minor variations may occur.