



# PRODUCT DATASHEET

## SPC SDM 903

### High Performance Diesel Engine Oil

---

**SPC SDM 903** is a high performance universal diesel engine oil specially formulated for high-speed, four-stroke engines designed to meet 2004 exhaust emission standards implemented in 2002. It is designed to sustain engine durability where exhaust gas recirculation (EGR) systems are used.

**SPC SDM 903** is a API CI-4 Plus oil which has greater soot loading capability, better shear stability and offers more viscosity control than API CI-4. An additional benefit is API CI-4 Plus is designed to handle potentially longer drain interval.

### PERFORMANCE STANDARDS

**SPC SDM 903** meets the following performance requirements:

- API CI4 PLUS/SL
- ACEA E7-04, E2-96
- Mack EO-N Premium Plus
- Volvo VDS-3
- Cummins 20076, 20077, 20078
- Global DHD-1
- MB p228.3
- MAN 3275
- Caterpillar ECF-2
- MTU Type 2

### BENEFITS

**SPC SDM 903** provides the following benefits:

- Resists formation of lacquer, sludge and other deposits in the engine system under high temperature operations thus significantly extend 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 antirust and anticorrosion properties.
- Protects against the formation of varnish and gums at elevated temperatures.
- Resists thickening, oil line and filter plugging due to the outstanding oxidation inhibitors are used.

## APPLICATIONS

**SPC SDM 903** 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 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 903** can be used in place of CG-4, CH-4 and mixed fleets of gasoline engines.

## TYPICAL CHARACTERISTICS

<b>SPC SDM 903</b>	
SAE Grade	15W40
Viscosity, Kinematic	
at 40 °C, cSt	113.4
at 100 °C, cSt	14.9
Viscosity, Apparent	
at -20 °C, cP	6400
Viscosity Index	136
Specific Gravity, 15/15 °C	0.878
Flash Point, COC, °C	224
Pour Point, °C	-30
TBN, mgKOH/g	11.0

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