



PRODUCT DATASHEET

SPC K-SYN

Fully Synthetic Diesel Engine Oil

SPC K-SYN is fully synthetic super premium diesel engine oil developed from selected synthetic base fluids and the latest additive technology.

It is specially designed to meet 2004 exhaust emission standards implemented in 2002.

SPC K-SYN is designed to sustain engine durability where exhaust gas recirculation (EGR) is used.

PERFORMANCE STANDARDS

SPC K-SYN meets the following performance requirements:

- API CI4/SL
- American 2004 Exhaust Emission Standards
- ACEA E3-96 issue 4/E5-02/E7-04
- Mack EO-M, EO-M Plus
- Volvo VDS-3
- Cummins CES 20071, 20076, 20078
- Cummins 20072, 20077
- Global DHD-1
- MB p 228.3
- MAN 3275
- MTU Type II

BENEFITS

SPC K-SYN provides the following benefits:

- Maintains stable oil viscosity and reduces oil evaporation at elevated temperature due to the presence of synthetic, highly shear-stable viscosity improver.
- Contains excellent detergency and dispersancy.
- Resists formation of lacquer, varnish, sludge and other deposits in the engine system.

- Extends oil drain intervals
- Reduces operating costs.
- Contains superior soot dispersancy and cold-starting abilities.
- Protects the engine against corrosion from acidic combustion by-products with good anti-rust and anti-corrosion properties.
- Reduces costs by extending oil drain and engine overhaul intervals.
- Prevents in service-oil degradation due to the presence of exceptional thermal stability and oxidation resistance.

APPLICATIONS

SPC K-SYN is recommended for use in diesel 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.

TYPICAL CHARACTERISTICS

SPC K-SYN		
SAE Grade	5W40	5W50
Viscosity, Kinematic		
at 40 deg C, cSt	89.3	107.2
at 100 deg C, cSt	14.7	17.8
Viscosity, Apparent		
at -30 deg C, cP	6500	6400
Viscosity Index	172	184
Specific Gravity, 15/15 deg C	0.860	0.855
Flash Point, COC, deg C	215	220
Pour Point, deg C	-39	-36
TBN, mgKOH/g	9.9	9.9

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