

SPX SUPER HD CK-4

DIESEL ENGINE OIL FOR INDUSTRIAL AND MOBILE EQUIPMENT

SPX Super HD CK-4 provides excellent protection for engines operating under varying loads and service conditions. It is designed for use in diesel engines burning Ultra Low Sulfur Diesel (ULSD) and requiring a low emission diesel engine oil that meets EPA regulations and is compatible with exhaust after treatment systems. SPX Super HD CK-4 also meets requirements for API SN service category for gasoline engines, therefore allowing use as a mixed fleet engine oil. SPX Super HD CK-4 is a heavy duty engine oil recommended for use in all naturally aspirated and turbocharged four-stroke diesel engines as well as four-stroke gasoline engines in which the API CK-4 or API SN service categories are specified.

Advantages

- Good soot control for protection against abrasive wear and soot-induced oil thickening
- Good resistance to viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Protects against rust, bearing corrosion, and wear
- Compatible with modern exhaust after treatment systems including Selective Catalytic Reduction (SCR), Diesel Particulate Filter (DPF), and Exhaust Gas Recirculation (EGR)

Applications

- Naturally aspirated and turbocharged four-stroke diesel engines in which the API CK-4 service category is recommended
- Older diesel equipment without emissions control systems
- Off-highway construction, earth moving, and mining equipment
- Older gasoline applications where the API SN service category is recommended

Specifications

SPX Super HD CK-4 is licensed and certified for:

- API CK-4/SN, CJ-4, CI-4 Plus, CI-4, CH-4
- Detroit Diesel DFS 93K222

SPX Super HD CK-4 is suitable for use where the equipment manufacturer specifies:

- Caterpillar ECF-3
- Cummins CES 20086
- Ford WSS-M2C171-F1
- Mack EO-S 4.5
- Volvo VDS 4.5
- Renault RLD-3
- ACEA E11



Heavy Duty



Web: www.pilotthomas.com

Email: info@spx-usa.com

Tel: 844.785.8326



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TYPICAL PROPERTIES

SAE Grade	15W-40
Specific Gravity @ 60°F	0.880
Density, lbs/gal @ 60°F	7.34
Flash Point (COC), °C (°F)	235(455)
Pour Point, °C (°F)	-36(-33)
Viscosity	
cSt @ 40°C	113
cSt @ 100°C	15.0
Viscosity Index	138
Sulfated Ash, ASTM D874, wt%	1.0
Total Base Number (TBN), ASTM D2896	8.0

Minor variations in typical properties data are to be expected in normal manufacturing.

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet (SDS).



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