

F34[®] ISCHYROS

Synthetic Blend Heavy-Duty Engine Oils

SAE 10W-30 and SAE 15W-40; API CK-4/SN



PRODUCT DATA SHEET

PRODUCT DESCRIPTION

F34[®] ISCHYROS Synthetic Blend Heavy-Duty Engine Oils, SAE 10W-30 and 15W-40, API CK-4/SN are formulated with conventional and synthetic base oils and a premium additive package. These oils are designed for use in high-speed four-stroke cycle diesel engines designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engines. These oils are especially effective at sustaining emission control system durability where particulate filters and other advanced aftertreatment systems are used. **F34[®] ISCHYROS SAE 10W-30 and 15W-40 Synthetic Blend Heavy-Duty Diesel Engine Oils API Service CK-4/SN** provide enhanced protection against oil oxidation, viscosity loss due to shear, and oil aeration as well as protection against catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase. In addition to API CK-4, these oils exceed the performance criteria of CJ-4, CI-4 with CI-4 PLUS, CI-4, and CH-4 and can effectively lubricate engines calling for those API Service Categories. When using this product in conjunction with fuel containing higher than 15 ppm of sulfur, consult the engine manufacturer for service interval recommendations.

SAE J300 Viscosity Grade	10W-30	15W-40
Appearance, Visual	Amber, Transparent, Liquid	
Viscosity @ 40°C, cSt, ASTM D445	71.55	103.4
Viscosity @ 100°C, cSt, ASTM D445	11	14.5
Viscosity Index, ASTM D2270	145	145
CCS Apparent Viscosity, cP, ASTM D5293	5,500@-25°C	5,100@-20°C
MRV Apparent Viscosity, cP, ASTM D4684	18,000@-30°C	19,000@-25°C
Flash Point, °C, ASTM D92	215	220
Pour Point, °C, ASTM D97	-40	-35
Total Base Number, mg KOH/g, ASTM D2896	9	9

*The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

Exceeds Performance Requirements

API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
API SN, SM, SJ, SF ACEA E9-12
Ford WSS-M2C171-F1

Cummins CES 20086
Mack EOS 4.5
DDC 93K222

Caterpillar ECF-3
Daimler MB 228.31
Volvo VDS-4.5

Renault Trucks RLD-4
MTU Type 2.1
Deutz DQC III-10 LA

Product Code: F34206, F34207



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