RHINO

SUPER TOPFLEET DIESEL ENGINE OIL SAE 15W40 API CI-4

(Multigrade Heavy Duty Diesel Engine Oil)



DESCRIPTION

RHINO SUPER TOPFLEET DIESEL ENGINE OIL SAE 15W40 API CI-4 are conventional multi-grade Heavy Duty Diesel Engine Oil formulated to provide excellent performance in heavy duty fleets, marine and industrial applications. The advanced product technology offers a medium extended drain formulation that helps maximize engine durability. This extra high performance has been proven in the field in a wide variety of industries, applications, and mixed fleets including passenger cars.

APPLICATIONS

RHINO SUPER TOPFLEET DIESEL ENGINE OIL SAE 15W40 API CI-4 are recommended for use in all naturally aspirated and turbo-charged diesel engines fitted in trucks, tractors, buses, goods carriers (LCVs), 3-wheelers and gensets, on-highway light and heavy-duty trucking, off-highway industries including: construction, mining, quarrying, and agriculture & mixed fleet applications. Suitable for low-emission diesel engines with EGR (Euro II, III and some Euro IV).

PROPERTIES

RHINO SUPER TOPFLEET DIESEL ENGINE OIL SAE 15W40 API CI-4 provides exclusive combinations of the latest high-performance additives ensuring that the oil adapts and protects under the full range of pressures & temperatures found in modern engines – from the high temperature in the pistons, to the extreme loads found in the valve-trains. Extra active additives control & sweep away harmful soot & particles found in high performance engines.

TYPICAL TECHNICAL PROPERTIES

Viscosity Grade, SAE J300	15W-40
PRODUCT CODE	DEO-24098
Density at 15°C, g/ml, ASTM D4052	0.887
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6600 @-20°C
Kinematic Viscosity at 40°C, mm²/s, ASTM D445	116.5
Kinematic Viscosity at 100°C, mm²/s, ASTM D445	14.5
Viscosity Index, ASTM D2270	127
Flash Point(COC), ° C, ASTM D92	230
Pour Point, ° C, ASTM D97	-27
Total Base Number (TBN), mg KOH/g, ASTM D2896	10.1
Sulfated Ash, wt%, ASTM D 874	1.4

Note: The information contained herein is subject to change without notification. Typical Properties may vary slightly.

PERFORMANCE FEATURES AND BENEFITS

- Deposit control and acid neutralization
- Start-up wear protection
- Cleaner engines and longer component life
- Improved soot handling
- TBN reserves
- Advanced detergency/dispersancy
- High thermal and oxidation stability
- Component compatibility
- Longer gasket and seal life
- Stay-in-grade shear stability
- Improved viscosity control and used oil pumpability
- Exceptional high temperature protection for hot running engines under heavy load
- Excellent low temperature properties

RECOMMENDATIONS / SPECIFICATIONS

International Standards:

API CI-4, CI-4/SL, CH-4, CG-4, CF-4, ACEA A3/B4, E7, JASO DH-1, GLOBAL DHD-1

Meets or exceeds:

DTFR 15B110 (MB-228.3), MB 229., Volvo VDS-3,
Mack OE-M+, MACK EO-L, MACK EO-N, MAN-M-3275-1,
Detroit Diesel 93K215, MTU Type 2, MTU Type 1,
CAT ECF-2, ECF-1a, Deutz DQC III-18, DEUTZ DQC-III-10,
Cummins CES 20076, CES 20077, CES 20078,
RENAULT RLD, RLD-2, ALLISON C4, CATERPILLAR TO-2,
IVECO 18-1804 Classe T2 E7

Meets quality requirements of most diesel engine manufacturers in the USA, Europe, Japan and Korea

R/PDS/AL/010b-0423536HT-INFD 3451/03, 12.11.25, Page 1/1*
** Supersedes all previous version*

Packing: 1L, 5L, 20L, 60L, 200L

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment.