



Heavy Duty Diesel Engine Oil - API CI-4/SL

Heavy Duty Diesel Engine Oil - API CI-4/SL lubricant has been formulated with highly refined base oil and advanced additive technology to achieve latest low emission and high performance requirements of US, European and Japanese engine makers. It provides protection against oil thickening, high temperature, sludge build up, oil degradation and corrosion. It provides good shear stability.

Main Benefits

- Advance additive technology provides wear protection and longer oil life.
- Improved engine cleanliness and protection against piston deposits.
- Excellent performance in heavy duty operation.
- Superior oxidation resistance, soot control and thermal stability.
- Easy cold starting and longer drain interval.

Applications

Heavy Duty Diesel Engine Oil - API CI-4/SL is recommended to be used in on and off high way diesel engines.

Specification & Performance Standards

Heavy Duty Diesel Engine Oil - API CI-4/SL meets and exceeds the requirement of API CI-4 / CH-4 / CG-4 / CF-4 / CF / SL / SJ, Mercedes Benz 228.5 / 229.1, Allison C-4, ACEA E7 / A3 / B3, JASO DH-1, Global DHD-1, Cummins CES 20078, CES 20077, CES 20076, MAN 3275, VOLVO VDS3, MTU-Type 2, CAT ECF1, Renault RLD 2, MAK EO-N, Duetz DQC III- 18 and DDC 93K 215.

Typical Physical Characteristics

SAE Viscosity Grades	10W/30	10W/40	15W/40	20W/50
Viscosity, cSt @ 100°C	11.5	14.50	15.00	18.50
Viscosity Index	147	147	140	128
Pour Point, °C	-36	-36	-30	-27
Flash Point COC, °C	210	212	220	232
TBN, mg KOH/gm ASTM D 2896	11.00	11.00	11.00	11.00
Apparent Viscosity - Cp	6500 @ -25°C	6500 @ -25°C	6200 @ -20°C	7800 @ -15°C

Color Varies from Country to Country. Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. Advice and opinion noted herein are given in good faith and on the basis of the best information available, information is based on past history of the grade only and must not be construed as a guarantee of performance nor any legal liability is accepted by United Grease or any of its affiliates. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available with your nearest United Grease office or at www.unitedgrease.com. © United Grease and Lubricants Co LLC, 2022