



GIANT FLEET FORCE

Euro IV Premium Heavy-Duty Diesel Engine Oil – API CI4/SL

DESCRIPTION

GIANT Fleet Force is a premium, high-performance, heavy-duty diesel engine oil, recommended for many on- and off-road services, including construction equipment, generator sets, coastal marine crafts, offshore oil rigs, mining and other applications. It is suitable for both diesel- and gasoline-powered engines that operate under extreme conditions at a wide range of temperatures.

The exclusive combination of extremely refined hydrocracked base stocks and unique high performance additives offers excellent soot control, increased corrosion protection and improved oxidation control. These features allow GIANT Fleet Force to go the extra mile, resulting in extended oil drain intervals.

GIANT Fleet Force is developed to meet the most stringent emission standards of highly rated diesel engines up to Euro IV requirements. It is suitable for engines without particulate filters; and for most EGR (Exhaust Gas Recirculation) engines and most engines fitted with SCR NO_x reduction systems. It also can be used in normally aspirated engines engaging in urban, short-haul goods and passenger services. It meets or exceeds the specification requirements of top OEMs such as Cummins, MAN, Mercedes Benz and Volvo.

PERFORMANCE STANDARDS

- API CI4/SL
- SAE 15W/40
- ACEA E7-08
- MB P228.3
- MAN 3275
- MTU Type II
- Volvo VDS 3
- Cummins 20072/7
- Mack EO-M Plus
- Detroit Diesel 93K215

BENEFITS

- Surpasses the industry standards for a wide range of engines
- Premium performance for mixed fleet operations
- Superior soot and wear control
- Robust reserve alkalinity (TBN) for outstanding sludge control and acid neutralization
- Excellent stay-in-grade stability ensures viscosity integrity and reduces oil consumption
- Improves fuel economy and extends engine life
- Extraordinary oxidation and thermal stability for extended oil drain intervals.

TYPICAL APPLICATIONS

- GIANT Fleet Force is highly recommended for modern low emission diesel engines meeting Euro IV, III, II requirements. It is suitable for engines without particulate filters, for most EGR engines and engines fitted with SCR NO_x reduction systems, naturally aspirated or turbo-charged where either an API CI4, CH4, CG4, CF4, CF or SL grade of oils is specified.
- Suitable for many on- and off-highway applications including mining, forestry, farm, construction and certain marine/stationary power generation.
- Can be used on engines using either high- or low-sulphur diesel fuels.



PRODUCT DATA SHEET

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TYPICAL PROPERTIES

SAE Grade	15W40
Density, kg/Litre @ 15°C	0.888
Appearance	Clear
Kinematic Viscosity, mm ² /s @ 40°C	108.5
Kinematic Viscosity, mm ² /s @ 100°C	14.7
Viscosity Index	145
Sulphated Ash, % wt	1.03
CCS @ -20°C, cP	5890
Pour Point, °C	-18
Flash Point COC, °C	232
TBN, mgKOH/g	9.5