



LUBRICANTS

Guardol TT™ Diesel Engine Oil

Guardol TT™ Diesel Engine Oil is a high-quality API CK-4 engine oil developed for use in four-stroke cycle diesel engines designed to meet 2007 and later EPA on-highway exhaust emission standards. It is specially formulated to protect exhaust aftertreatment devices such as diesel particulate filters and diesel oxidation catalysts. It is backward serviceable for use in older diesel equipment with conventional, non-EGR engines.

Applications

- On-highway diesel trucks equipped with EGR and exhaust aftertreatment devices
- Older on-highway and off-road diesel equipment with conventional, non-EGR engines

Truck Tested Diesel Engine Oil meets or exceeds the requirements of:

- API Service CK-4, CJ-4, CI-4 PLUS, SN

Heavy Duty Diesel Engine Oil

KEEPING THE
WORLD
RUNNING
SMOOTHLY.





Guardol TT™ Diesel Engine Oil

| Typical Properties | |
|--|---------------|
| SAE Grade | 15W-40 |
| Specific Gravity @ 60°F | 0.0875 |
| Density, lbs/gal @ 60°F | 7.30 |
| Color, ASTM D1500 | 3.9 |
| Flash Point (COC), °C (°F) | 208 (406) |
| Pour Point, °C (°F) | -38 (-36) |
| Viscosity, Kinematic | |
| cSt @ 40°C | 113 |
| cSt @ 100°C | 14.7 |
| Viscosity Index | 134 |
| Cold Cranking Viscosity, cP @ (°C) | 5000 (-20) |
| High-Temp/High-Shear Viscosity, cP @ 150°C | 4.1 |
| Sulfated Ash, ASTM D874, wt % | 0.082 |
| Total Base Number (TBN), ASTM D2896 | 8.5 |
| Zinc, wt % | 0.1075 |

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/SDS>