

## GIANT 5510 15W-40

## HEAVY DUTY DIESEL ENGINE OIL

### Description

Top High Performance Diesel (THPD) lubricant designed to meet the requirements of the most demanding generation diesel engines. It exceeds traditional performance levels thanks to its highly refined base oils and balanced additives. A product specifically designed for the last generation of vehicles that requires API CI-4 performance lubricants, it is especially suitable for those that must comply with EURO 4 and EURO 3 standards according to manufacturer's specifications.

### Properties

- Can be used when biodiesel is used as a fuel, following the recommended change periods established by the manufacturers.
- High dispersing detergent power that assures total cleanliness of the engine parts. Exceptional soot dispersion capacity, which makes it especially recommended for engines that incorporate EGR type emission reduction systems.
- Lubricant designed to comply with contaminating emission reduction standard Euro 4 and previous, which also increases performance compared to traditional heavy diesel oils.
- Depending on service conditions and EURO 3 engine type, this product may extend the drain oil interval, thanks to its superior antioxidant capability.
- Its formulation endows this oil with magnificent antiwear properties, specially designed to protect supercharges.

### Quality levels, approvals and recommendations

- |                  |                             |                |
|------------------|-----------------------------|----------------|
| • ACEA E7/E5     | • Renault RLD/RLD-2         | • VOLVO VDS-3  |
| MAN M 3275       | • CUMMINS 20076/20077/20078 | • CAT ECF-2    |
| MACK EO-M+       | • MB 228.3                  | • Global DHD-1 |
| API CI-4/CH-4/SL | • Deutz DQC III             | • JASO DH-1    |

**GIANT 5510 15W-40****HEAVY DUTY DIESEL ENGINE OIL****Technical specifications**

	UNIT	METHOD	VALUE
SAE GRADE			15W-40
Density at 15°C	g/ml	ASTM D 4052	0.882
Viscosity at 100°C	cSt	ASTM D 445	14.7
Viscosity at 40°C	cSt	ASTM D 445	108
Viscosity at -20°C	cP	ASTM D 5293	< 7000
Viscosity Index	-	ASTM D 2270	137
Flash Point, open cup	°C	ASTM D 92	237
Pour Point	°C	ASTM D 97	< -27
T.B.N.	mg KOH/g	ASTM D 2896	11
Bosch Injector Shearing: Viscosity at 100 °C after 90 cycle shearing	cSt	CEC L-14-A-93	> 12.5

*The above-mentioned characteristics are typical values and should not be considered product specifications*