



GIANT 7410 15W-40

Description

Very high performance and high quality SHPD (Super High Performance Diesel) lubricant oil. Recommended for all kinds of diesel engines, especially for the supercharged engines of TIR vehicles. It meets the requirements of both engine manufacturers and international classifications and specifications for long drainage period lubricants.

Properties

- * Can be used when biodiesel is used as fuel, following the recommended change periods laid down by the manufacturers.
- * It prevents cylinder casing polishing, which is very typical in supercharged high horsepower engines.
- * Very stable multigrade oil with high shearing resistance.
- * Especially suitable for vehicles that must comply with EURO I and EURO II standards regarding the reduction in the emission of contaminating gases and particles.
- * It contains efficient corrosion, oxidation, rust and foam formation inhibitors.
- * It prevents the formation of sludge when cold, obstructions in oil conduits and silting of the filter of the latter.
- * It maintains an adequate pressure in all working conditions.
- * Its ability to disperse sludge and other oxidation products prevents the formation of varnishes; it keeps the pistons clean and prevents segments from adhering.
- * High fluidity in cold conditions, thus facilitating ignition and fuel saving, in addition to increasing protection against wear.
- * Its modern detergency/dispersancy components enable the use of fuels with high and low sulphur content and neutralise the acids formed in the combustion of diesel while keeping the carbonaceous particles in suspension.
- * Also applicable in public works, mining, agriculture and cogeneration when a low consumption lubricant is required.

Quality levels, approvals and recommendations

- API: CH-4/CG-4/CF-4/SJ*
- MAN: 3275-1*
- MTU: Type 2*
- ACEA: E5
- MACK: EO-M*
- MB: 228.3*
- VOLVO: VDS.2*
- CUMMINS: CES 20076

*Formal approval

**GIANT 7410 15W-40****Technical specifications**

	UNIT	METHOD	VALUE
SAE Grade			15W-40
Density at 15 °C	g/mL	ASTM D4052	0.882
Viscosity at 40 °C	cSt	ASTM D445	107
Viscosity at 100 °C	cSt	ASTM D445	14.5
Viscosity at -20 °C	cP	ASTM D5293	<7000
Viscosity index	-	ASTM D2270	>125
Flash point, open cup	°C	ASTM D92	>215
Pour point	°C	ASTM D97	<-27
TBN	mg KOH/g	ASTM D2896	10.0
Bosch Injector Shearing:Viscosity at 100 °C	cSt	CEC L-14-93	>12.5
Noack volatility, 1h at 250 °C	% in weight	CEC-L-40-93	<13

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