



GIANT 9630 LS-LL 10W-40

Description

A top quality UHPD (Ultra High Performance Diesel) synthetic technology lubricating oil. Its name highlights its reduced ash content (Mid SAPS), preventing the obstruction of systems that include particle filters, in addition to protecting the post-treatment catalytic systems and minimizing polluting emissions. Its excellent composition gives it long-lasting lubricant status, with extraordinarily long periods between oil-changes. It is compatible with all types of fuels (diesel, LPG, CNG and biodiesel), and due to its characteristics, it is the ideal oil for mixed fleets. Valid for Euro VI engines and older.

Properties

- It can be used when using biodiesel as fuel, in accordance with the manufacturer's recommended change periods.
- The limited phosphorus and sulphur content, and the low level of sulphated ash, enable it to be used in most vehicles, as it is compatible with SCR catalysts or those that include EGR and particle filters.
- It can be used both in the modern Euro VI or Euro V vehicles that include exhaust fume treatment systems, and in old vehicles that do not require ash-limiting oils.
- Long-lasting oil. The exclusive additive in this product enables it to exceed the minimum requirements in most engine tests.
- Approved by most European, American and Asian vehicle manufacturers, it can also be used as an oil in commercial vehicles equipped with a retarder.

Quality levels, approvals and recommendations

- API: CJ-4*
- DAIMLER TRUCK: DTFR 15C110*
- DTNA: DFS 93K218*
- MACK: EO-O Premium Plus*
- MTU: Type 3.1*
- VOITH: Retarder Oil Class B*
- ACEA: E6/E4/E7/E9
- MAN: 3477/3575/3271-1
- CUMMINS: CES 20081*
- DEUTZ: DQC-IV-10 LA*
- JASO: DH-2*
- MB: 228.51 / 235.28*
- RENAULT: VI RLD-3*
- VOLVO: VDS-4*
- CATERPILLAR: CAT ECF-3
- SCANIA: LOW ASH (obsolete)

*Formal approval



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Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			10W-40
Density at 15 °C	g/cm ³	ASTM D4052	0,861
Kinematic viscosity at 100 °C	cSt	ASTM D445	13.30
Kinematic viscosity at 40 °C	cSt	ASTM D445	86
CCS Viscosity at -25 °C	cP	ASTM D5293	<7,000
Viscosity index		ASTM D2270	155
Flash point, open cup	°C	ASTM D92	>223
Pour point	°C	ASTM D97	<-30
TBN	mg KOH/g	ASTM D2896	13
Shearing Inj.Bosch: Vis 100 °C (30 cy)	cSt	CEC L-14-93	>12.5
Sulphated ashes	% in weight	ASTM D874	<1

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