

**GIANT 3050 20W-50**

Automotive

## Description

Multigrade lubricant oil with a mineral base, suitable for aspirated or supercharged petrol and diesel engines, even when working in severe conditions. The excellent quality makes it versatile and very well suited for use in professional goods and passenger transport fleets, earth-moving and agricultural machinery.

## Properties

- Its detergent-dispersant level facilitates engine cleaning, maintaining mud and soot in suspension, avoiding deposits on piston rings, pistons and lubrication ducts.
- As it is multigrade it facilitates cold starts and can handle a wide range of temperatures.
- Protects the engine from corrosion thanks to its carefully studied formulation.
- Excellent antiwear properties which minimise friction.
- Reduces lubricant consumption

## Quality levels, approvals and recommendations

- ACEA E2
- API CF-4/CF/SG
- MB 228.1
- MAN 271

## Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			20W-50
Density at 15 °C	g/cm3	ASTM D 4052	0.891
Viscosity at 100 °C	cSt	ASTM D 445	17.7
Viscosity at 40 °C	cSt	ASTM D 445	132.6
Viscosity at -15 °C	cP	ASTM D 5293	<9500
Viscosity index	-	ASTM D 2270	>120
Flash point, open cup	°C	ASTM D 92	>215
Pour point	°C	ASTM D 97	-24
T.B.N.	mg KOH/g	ASTM D 2896	10
Bosch injector shear at 100 °C	cSt	CEC-L-14-93	>15
Noack volatility, 1hr at 250 °C	% weight	CEC-L-40-93	<13

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