

**GIANT 1020 SAE 30, 40 y 50**

Automotive

## Description

Monograde mineral lubricant oil with great detergent power. Specially recommended for public works machinery and stationary engines.

Also suitable for use in aspirated and slightly supercharged diesel engines working in moderate or severe conditions with frequent drainage periods.

## Properties

- Its high detergency eliminates the products produced by the combustion of the hottest parts of the engine. It keeps the segment shafts clean and ensures perfect watertightness.
- Conservation and prolongation of engine life.
- Its alkaline reserve (TBN) enables it to protect the engine against corrosion by neutralizing the acids formed in the combustion of diesel with different sulphur contents.
- It maintains an adequate pressure in all working conditions.
- Good anti-wear properties, which leads to minimal wear in engine parts; the latter maintains its maximum power for a long time.

## Quality levels, approvals and recommendations

- API CF/SF
- ACEA E2
- ALLISON C-3
- MB 228.0
- MAN 270
- MTU Type 1\*
- CATERPILLAR TO-2

\*Formal approval

## Technical specifications

|                       | UNIT     | METHOD      | VALUE |       |       |
|-----------------------|----------|-------------|-------|-------|-------|
| SAE Grade             |          |             | 30    | 40    | 50    |
| Density at 15 °C      | g/mL     | ASTM D 4052 | 0.894 | 0.903 | 0.903 |
| Viscosity at 100 °C   | cSt      | ASTM D 445  | 11,8  | 14,9  | 19,3  |
| Viscosity at 40 °C    | cSt      | ASTM D 445  | 105   | 148   | 218   |
| Viscosity index       | -        | ASTM D 2270 | 100   | 100   | 100   |
| Flash point, open cup | °C       | ASTM D 92   | >215  | >225  | >225  |
| Pour point            | °C       | ASTM D 97   | -24   | -21   | -18   |
| TBN                   | mg KOH/g | ASTM D 2896 | 12    | 12    | 12    |
| Sulphated ashes       | % weight | ASTM D 874  | 1.5   | 1.5   | 1.5   |

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