

## GEAR GL4

Reinforced gear oil for cars and vans

### Description

Hypoid gear oil to be use in heavily charged transmissions for cars. Formulated with mineral bases with a high degree refinement and high-performance additives.

### Applications

- Lubrication of heavily charged gear transmissions that require special anti-wear protection.
- Gears subjected to high torsion torques or high speeds of rotation.
- Designed for the lubrication of manual gearboxes, differentials, final drives and gears in closed crankcase straight, helicoidal or Gleason shape and, as well, worm and wheel set.

### Properties

- High thermal stability.
- Low deposit formation, maintaining the gears clean.
- Reduced wear.
- High lubricity.
- Protection against corrosion and acid attack.
- Effective lubrication under heavy loads.
- Compatible with the joints and elastomers usually employed.

### Technical Data

|                         | Method      | GEAR GL4 |         |       |     |
|-------------------------|-------------|----------|---------|-------|-----|
| Grade SAE               | SAE J-306   | 80       | 80W90   | 90    | 140 |
| Viscosity at 40°C, cSt  | ASTM D-445  | 96       | 140     | 209   | 440 |
| Viscosity at 100°C, cSt | ASTM D-445  | 11       | 14      | 19    | 29  |
| Viscosity at -26°C, cP  | ASTM D-2983 | -        | 150.000 | -     | -   |
| Viscosity index         | ASTM D-2270 | >130     | >130    | >130  | 100 |
| Flash point, °C         | ASTM D-92   | 200      | 205     | 210   | 210 |
| Pour point, °C          | ASTM D-97   | -20      | -30     | -20   | -15 |
| 4-ball EP test          |             |          |         |       |     |
| • Weld load, kg         | ASTM D-2596 | 250      | 250     | 250   | -   |
| • Wear test, Scar, mm   | ASTM D-2266 | <0.35    | <0.35   | <0.35 | -   |

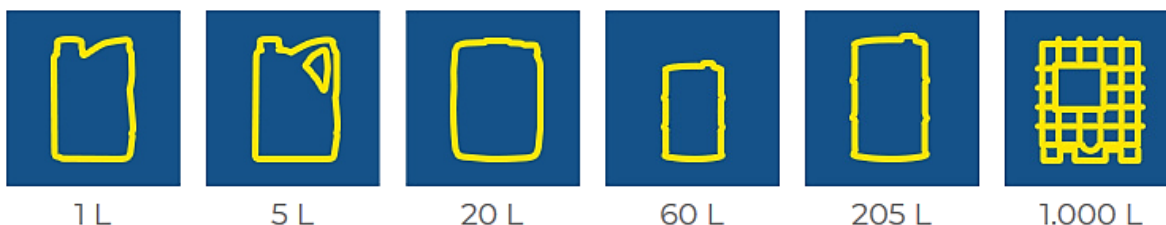
The values shown do not constitute a specification but they are an indication based on regular fabrications that can be affected by the tolerance allowed in production



## Specifications

| SAE 80 /80W90 / 90 |                                  |
|--------------------|----------------------------------|
| API                | GL4                              |
| MERCEDES BENZ      | MB 235.1                         |
| MAN                | 341 Z-1 / Z-2 / E2               |
| ZF                 | TE ML 02A / 08 / 16A / 17A / 19A |
| MIL-L-2105         |                                  |

## Packaging available



## Health, Security and Environmental Procedures

Data sheet for this product, conforming to current European regulations, is available.

Supplies information related to safety precautions, handling procedures, primary treatment and environmental data. We suggest reading before using the product.

Remember to dispose used oil according to current local regulation. Do not throw away in water drains or other waterways (Rivers, lakes, etc.).