

## 589 Universal Gear Oil



### Corresponds with requirements / specifications / products:

SAE 80W-90  
API GL-5 LS (Limited Slip)  
API GL-4  
API MT-1  
MACK GO-J  
MAN 342  
FORD WSD-M2C200-C

### Volume:

1 L (PM0589-1)      10 L (PM0589-10)  
20 L (PM0589-20)    60 L (PM0589-60)  
208 L (PM0589-DR) 1000 L (PM0589-IBC)

A universal all-season mineral-based gear oil. It was developed for hypoid gears withstanding extreme loads; in heavy-duty bevel, cylindrical and worm pairs. It is recommended for use in differentials (including excessive friction – LS). It may be used for all types of manual transmissions, including the ones withstanding extremely heavy loads and high temperatures and in other transmission parts where extreme pressure and impact loads are encountered.

### Product Characteristics:

| Characteristics                        | Method | Unit              | Value  |
|----------------------------------------|--------|-------------------|--------|
| Density at 15 °C                       | D 1298 | kg/m <sup>3</sup> | 890    |
| Viscosity at 40 °C                     | D 445  | cSt               | 171.39 |
| Viscosity at 100 °C                    | D 445  | cSt               | 17.42  |
| Brookfield dynamic viscosity at -26 °C | D 2983 | °C                | 145000 |
| Viscosity index                        | D 2270 |                   | 110    |
| Flash point COC                        | D 92   | °C                | 220    |
| Pour point                             | D 97   | °C                | -30    |

We reserve the right to alter the general characteristics of our products in order to let our consumers benefit from the latest technical development.