



Geartop PAG 68-460

High temperature synthetic gear oil

Description

Geartop PAG is a long life synthetic oils range intended for the lubrication of worm gears, gear brakes, roll and plain bearings circulating systems, etc. They are widely used in many segments of the industry such as textile, paper, cement, gear box producers, steel and wood, plastics, glass derivatives, etc.

Benefits

Geartop PAG oils have excellent anti wear properties, superior oxidation stability, low freezing point, they are neutral to metals, aluminum and copper alloys. Resist mechanical or thermal shearing. Very good viscosity-temperature relation. High aging stability and low friction coefficient. Available in a wide range of viscosity classes from ISO 68 for high speed systems to ISO 460 for mechanically overloaded big gears.

Caution

PAG will not mix with mineral oils neither with any other synthetic oil than poly glycol base oil. To get maximum performances PAG should be applied to perfectly clean elements

Typical Performance Data

| | | | | | | |
|--------------------------------|-----------|--------|---------|---------|---------|---------|
| Density @ 20 °C | 0,969 | 0,980 | 0,990 | 1,000 | 1,003 | 1,010 |
| Viscosity @ 40 °C, cSt | 61.2-74.8 | 90-110 | 135-165 | 198-242 | 288-352 | 414-506 |
| Viscosity index. min | 185 | 190 | 195 | 210 | 225 | 225 |
| Pour point, °C | -39 | -42 | -42 | -39 | -36 | -33 |
| Copper corrosion, 3 hrs/100 °C | 1a | 1a | 1a | 1a | 1a | 1a |
| FZG A 8.3/90, stage | 12 | 12 | 12 | 12 | 12 | 12 |
| Peak temperature, °C | 200 | 200 | 200 | 200 | 200 | 200 |
| Scar diameter, 1'/80kg/mm | 0,47 | 0,45 | 0,45 | 0,45 | 0,45 | 0,45 |

Matrix Specialty Lubricants BV
 Industriestraat 9, 6827 BD, Arnhem, The Netherlands
 Tel: +31 26 3703239 Fax: +31 26 4420787