

CHAMPION EP GEAR OIL ISO 68

This is an extreme pressure oil for industrial gears. The paraffinic character of the base oil ensures an excellent course of the viscosity/temperature curve and a high resistance against oxidation and ageing. The favorable property of mineral base oil is further strengthened by the addition of appropriate additives. The high pressure additives based on sulfur and phosphorus compounds form a chemical film on tooth surfaces and as such prevents wear and a noticeable reduction in friction. Special anti-corrosion and anti-foam additives complete the composition of this oil.

APPLICATIONS

It is recommended for the lubrication of gearboxes (lubrication by oil bath, oil mist or oil circulation) and it is specifically suitable for heavy loads and high temperature.

FEATURES

Extreme pressure properties: superior EP properties

Anti-wear and oxidation stability: adequate protection of systems

PERFORMANCE

| | | | |
|-------------|----------|--------------------|------------|
| AGMA | 9005-E02 | DIN | 51517 CLP |
| AISE | 224 | DAVID BROWN | S1.53.101E |

TYPICAL CHARACTERISTICS

| Test | Method | Unit | Average results |
|------------------------------|------------|--------------------|-----------------|
| Density at 15°C | ASTM D4052 | g/ml | 0.881 |
| Kinematic viscosity at 40°C | ASTM D445 | mm ² /s | 72 |
| Kinematic viscosity at 100°C | ASTM D445 | mm ² /s | 9.2 |
| Viscosity index | ASTM D2270 | | 103 |
| A.N. [Colorimetric] | ASTM D974 | mg KOH/g | 0.38 |
| Pour point | ASTM D6892 | °C | -24 |
| Flash Point COC | ASTM D92 | °C | 225 |
| FZG Gear Test, Fail Stage | DIN 51354 | | 12 |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

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