



TECHNICAL DATA SHEET

Divinol ICL ISO 100

Zinc-free industrial high pressure gear oil (DIN 51 517 part 3, CLP) for applications in high charged gears – viscosity: 100 mm²/s/40°C

PRODUCT DESCRIPTION

- + industrial high pressure gear oil
- + zinc-free
- + offers a high load carrying capacity
- + contains phosphorous and sulphurous EP-/AW-additives
- + reduces friction and wear
- + with excellent aging and temperature stability
- + excellent demulsifying properties
- + offers good corrosion protection properties
- + contains foam regulators for reduction of foam formation

CHARACTERISTICS

Colour / DIN ISO 2049	lighter 3.0
Density/15°C / DIN EN ISO 12185	890 kg/m ³
Viscosity/40°C / ASTM D 7042	100 mm ² /s
Flash point (Cleveland) / DIN ISO 2592	> 210 °C
Pour point / ASTM D 7346	≤ -12 °C
Corrosion protection towards steel / DIN ISO 7120	Corrosion degree 0
Corrosion effect on copper / DIN EN ISO 2160	Corrosion degree max. 1
Loading capacity according to Brugger / DIN 51 347	65 N/mm ²

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FZG test A/8.3/90 / DIN 51 354/2

Damage loading step > 12

SPECIFICATION

Divinol ICL ISO 100 fulfils the following requirements:

- + for gear oils according to DIN 51 517 part 3, CLP
- + ISO 12925-1 - CKC, CKD
- + AISE 224, AGMA 9005-E02 and David Brown S1.53.101 (E)

APPLICATION

Divinol ICL ISO 100 is an industrial gear oil for applications in high charged gears with circular lubrication as well as dipping gears with spur and bevel wheels and worm gears.

Benefit from our service, we will gladly advise you and develop individual application recommendations for your process. Please also note the material safety data sheet.

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