

# Technical Data Sheet

## Divinol ICL ISO 100

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### 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

### 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)

### Characteristics

Colour / DIN ISO 2049:	lighter 3.5
Density/15°C / DIN 51 757:	890 kg/m <sup>3</sup>
Viscosity/40°C / DIN 51 562:	100 mm <sup>2</sup> /s
Viscosity index / DIN ISO 2909:	> 90
Flash point (Cleveland) / DIN ISO 2592:	> 210 °C
Pour point / DIN ISO 3016:	< -15 °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 <sup>2</sup>
FZG test A/8.3/90 / DIN 51 354/2:	Damage loading step > 12

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### 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.

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