



TECHNICAL DATA SHEET

Divinol ICL ISO 68

Zinc-free industrial high pressure gear oil (DIN 51 517 part 3, CLP) for applications in high charged gears – viscosity: 68 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 4.0
Density/15°C / DIN EN ISO 12185	890 kg/m ³
Viscosity/40°C / ASTM D 7042	68 mm ² /s
Viscosity index / ASTM D 2270	> 90
Flash point (Cleveland) / DIN ISO 2592	> 180 °C
Pour point / DIN ISO 3016	< -12 °C
Corrosion protection towards steel / DIN ISO 7120	Corrosion degree 0
Corrosion effect on copper / DIN EN ISO 2160	Corrosion degree max. 1

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The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use can not be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.



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Loading capacity according to Brugger / DIN 51 347 > 50 N/mm²

FZG test A/8.3/90 / DIN 51 354/2 Damage loading step > 12

SPECIFICATION

Divinol ICL ISO 68 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 68 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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