



TECHNICAL DATA SHEET

Divinol ICL ISO 220

Zinc-free industrial high pressure gear oil (DIN 51 517 part 3, CLP) for applications in high charged gears – viscosity: 220 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 3.5

Density/15°C / DIN EN ISO 12185 900 kg/m³

Viscosity/40°C / ASTM D 7042 220 mm²/s

Flash point (Cleveland) / DIN ISO 2592 > 210 °C

Pour point / ASTM D 7346 -18 °C

Corrosion protection towards steel / DIN ISO 7120-A Corrosion degree 0

Corrosion effect on copper / DIN EN ISO 2160 Corrosion degree max. 1

Loading capacity according to Brugger / DIN 51 347 > 40 N/mm²

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The information contained in this document (the "Product Specification") is based on our present knowledge. They do not exempt the processor or user from carrying out its own tests. Properties of the product going beyond the above-mentioned specifications and/or suitability for a specific purpose cannot be derived from the product specification and are not owed. Any existing legal provisions and regulations concerning the handling and use of the products must be observed by the processor or user of our products. We expressly point out that the owed quality of our product is measured exclusively on the basis of the properties warranted in this document; the fulfillment of additional legal objective quality requirements is not owed. By ordering our product without objection, being aware of this product specification, you agree to it.



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

Damage loading step > 12

SPECIFICATION

Divinol ICL ISO 220 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 220 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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