

Lubricating oil

KONTAKT CHEMIE Lub Oil 88

Description:

Low-viscosity mineral-oil-based lubricating oil to DIN 51502 CLP 10

General properties and applications:

KONTAKT CHEMIE Lub Oil 88 is a heavy-duty low-viscosity multi-purpose lubricating oil. Special active ingredients give it excellent resistance to ageing (no resinification). Because of its good cleaning action and dirt-removing power, lubricating points remain free from harmful contaminants. High-pressure additives ensure low wear and friction in the mixed friction range. KONTAKT CHEMIE Lub Oil 88 has advantageous anti-corrosion properties when applied to steel and also copper and other non-ferrous metals. KONTAKT CHEMIE Lub Oil 88 is also used for the lubrication of precision-engineered metal bearings and gears in machine manufacture and the electronics industries. It also protects lubricating points in corrosive environments and where there is increased humidity. In the low-viscosity form supplied it is very easy to apply by spraying.

Technical data

| Properties in state as delivered | | | |
|--|---------|-------------|------------------------|
| Density at 20°C | Aerosol | FEA 605 | 0,83 g/cm ³ |
| | Bulk | ASTM D 896 | 0,83 g/cm ³ |
| Flash point | | ASTM D 56 | 70°C |
| Viscosity at 20°C | | ASTM D 2983 | 5 mPa.s |
| Properties of the lubricating oil after the evaporation of the solvent | | | |
| Density at 15°C | | ASTM D 891 | 0,875 |
| Viscosity | -20°C | ASTM D 2983 | 180 mm ² /s |
| | 0°C | | 50 mm ² /s |
| | 40°C | | 10 mm ² /s |
| | 50°C | | 7,6 mm ² /s |
| | 100°C | | 2,7 mm ² /s |

| Properties of the lubricating oil after the evaporation of the solvent | | |
|---|--------------|--------------------|
| Flash point | ASTM D 56 | 160°C |
| Pour point | ASTM D 97 | -30°C |
| Neutralisation value (acid) | DIN 51558 T1 | 0,7 mg KOH/g |
| Saponification number | DIN 51559 | 2,4 mg KOH/g |
| Sulphate residue | DIN 51575 | 0,31% |
| Demulsifying power | DIN 51599 | non-demulsifying |
| Corrosive action on copper Degree of corrosion | DIN 51759 | 1-100 A24 |
| Corrosive behaviour with respect to steel | DIN 51585 | 0-A |
| Ageing behaviour, Rise in viscosity Increase in precipitation | DIN 51586 | 3% < 0,05 ml |
| Mechanical test, FZG gear rig test | DIN 51354 T2 | Damage power stage |

Application instructions:

KONTAKT CHEMIE Lub Oil 88 can be applied by all conventional methods. In the small aerosol cans it is particularly suitable for servicing applications (tool box). Because of its high flash point it can be used for conventional lubricating tasks without the need for special explosion protection measures. However, the product must not be sprayed directly into live electric circuits or other potential sources of ignition. Further information on safety can be found in the safety datasheet.

Available:

Aerosol, 100 ml, 200 ml
Bulk 1 l

These values are not intended to be used as specifications. They are based on what we believe reliable. However it is the user's responsibility to determine the suitability.



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