

Description

High quality oils for hydraulic circuits with excellent dispersant properties. Oils manufactured with top quality bases from paraffinic crude oils subject to solvent refining and hydrofinishing processes which give it high stability against rust and a high viscosity index. The additives used in the formula are of the ashless type.

Its use, being a hydraulic oil with anti-wear additives and enhanced with specific dispersant additives, is recommended for systems working in a very harsh environment where it is difficult to drain off the water contained in the lubricant circuit.

Properties

- Excellent EP anti-wear properties (FZG).
- Low pour point, which facilitates good pumpability at low temperatures.
- Good anti-rust and anti-corrosion capacity. Does not attack copper and its alloys.
- Resistance to foam formation and easy to release into the air (deaeration).
- High resistance to oxidation. Excellent thermal stability.
- Very good performance with joints and elastomers.
- Excellent dispersant properties.

Quality levels, approvals and recommendations

- DIN 51524 HLPD
- THYSSENKRUPP*

* Formal approval

Technical specifications

| | UNIT | METHOD | VALUE |
|----------------------------------|--------|-------------|-----------|
| ISO Grade | | | 68 |
| Viscosity at 40 °C | cSt | ASTM D 445 | 68.49 |
| Viscosity at 100 °C | cSt | ASTM D 445 | 8.968 |
| Viscosity index | | ASTM D 2270 | 98 |
| Discharge point | °C | ASTM D 5950 | -24 |
| Flash point | °C | ASTM D 92 | 246 |
| Copper Corrosion, 3 h at 100 °C | Visual | ASTM D 130 | 1a |
| Foams: Seq. I, II, III tendency | ml | ASTM D 892 | 0/10/0 |
| Foams: Seq. I, II, III stability | ml | ASTM D 892 | 0/0/0 |
| Demulsibility at 54 °C | min | ASTM D1401 | 0/0/80 1h |

The above mentioned characteristics are typical values and should not be considered product specifications.

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 3. July 2020.