

HYDRO OIL AW 46

High Performance Hydraulic System Oil

Description

Highly stable anti-wear hydraulic system oil for the prevention wear, oxidation and rust.

Applications

It is recommended for all industrial and mobile hydraulic systems. Among its special industrial applications include construction machines, presses, moveable construction equipment, plastic injection, towing machines and screw-type air compressors. It is also suitable for Arburg and Engel brand machines.

Benefits

- Performs high degree of oxidation resistance and excellent demulsibility characteristic.
- Prevents cavitation.
- Protects system by preventing wear, rust and oxidation.
- Used in hydraulic system operating under extremely elevated temperatures like plastic injection machines, due to its high thermal and oxidation stability.
- Passes Bruger test held by minimum 30 N/mm²
- Exceeds 12 on FZG load test.
- Ensures long equipment life due to its high cleanness level.

Performance

Arburg, Bosch 90220, Cincinnati P 68, 69, 70, DIN 51524 Part II (HLP), Eaton M-2950 S/I-286 S3, Müller Weingarten

Typical Specifications*

| | | |
|---------------------------------------|------------|-------|
| ISO Viscosity Grade | | 46 |
| Density, 15 °C, kg/liter | ASTM D4052 | 0,870 |
| Flash Point COC, °C | ASTM D92 | 236 |
| Viscosity, 40 °C, mm ² /s | ASTM D445 | 46 |
| Viscosity, 100 °C, mm ² /s | | 6,80 |
| Viscosity Index | ASTM D2270 | 100 |
| Pour Point, °C | ASTM D97 | -24 |

* Values shown may differ between productions.

