

# 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/mm<sup>2</sup>
- Exceeds 12 on FZG load test.
- Ensures long equipment life due to its high cleanness level.

### Performance

Arburg, Bosch 90220, Cincinnati P 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 <sup>2</sup> /s	ASTM D445	46
Viscosity, 100 °C, mm <sup>2</sup> /s		6,80
Viscosity Index	ASTM D2270	100
Pour Point, °C	ASTM D97	-24

\* Values shown may differ between productions.



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