



Hydro Oil AW 46

High Performance Hydraulic System Oil

Description

It is highly stable anti-wear type hydraulic system oil for preventing wear, oxidation and rust.

Application

It is recommended to all industrial and moving hydraulic systems. Among its special industrial applications include construction machines, presses, moving construction equipment, plastic injection and drawing machines and screw-type air compressors. It is suitable for Arburg and Engel machines.

Benefits

- Exhibits high degree of oxidation resistance and excellent separation from water
- Prevents cavitations
- Saves the system, preventing wear, rust and oxidation
- Used in hydraulic system operating under extremely high temperatures like plastic injection machines, thanks to its high thermal stability
- Provides min. 30 N/mm² on Brugger test
- Exceeds 12 at FZG load test
- Low cleanness level ensures long equipment life
- PO Hydro Oil series are produced within the NAS 1638 cleanness level of NAS 7-8 by special filtration processes

Performance

DIN 51524 Part II, Denison HF-0, HF-1, HF-2, Cincinnati Machine P 68, P 69, P 70, Vickers HP Vane Pump Tests, M-2950 S, I-286 S, Proven performance with Müller Weingarten, Arburg

Typical Specifications*

ISO VG		46
Density, @ 15°C g/ml	ASTM 4052	0.880
Flash Point, COC, °C	ASTM D 92	238
Kinematic Viscosity at 40°C mm ² /s	ASTM D 445	46
at 100°C mm ² /s		6.8
Viscosity Index	ASTM D 2270	101
Pour Point, °C	ASTM D 97	-24
Loading capacity acc. Brugger	DIN 51 347-2	35

* Values are changeable according to production.

Packing

Drum	180 kg
------	--------