

DESCRIPTION

Verus Hydraulic Oil AW ISO 46 is a performance anti-wear hydraulic oil designed to satisfy a wide range of hydraulic equipment requirements. It provides long oil/filter life and optimum equipment protection reducing both maintenance costs and product disposal costs. Verus Hydraulic Oil AW ISO 46 is developed to meet the stringent requirements of severe hydraulic systems using high pressure, high output pumps as well as handling the critical requirements of other hydraulic system components such as close clearance servo-valves and the high accuracy numerically controlled (NC) machine tools.

Verus Hydraulic Oil AW ISO 46 is formulated with high quality base oils and a super-stabilised additive package that neutralizes the formation of corrosive materials. It is designed to work with systems operating under severe conditions where high levels of anti-wear and film strength protection are needed, yet is formulated to work where non anti-wear hydraulic oils are generally recommended.

FEATURES AND BENEFITS

Verus Hydraulic Oil AW ISO 46 provides outstanding oxidation resistance allowing extension of oil and filter change intervals. It's high level of anti-wear properties and excellent film strength characteristics result in exceptional equipment performance that not only results in fewer breakdowns but helps improve production capacity. Verus Hydraulic Oil AW ISO 46 controlled demulsibility permits the oils to work well in systems contaminated with small amounts of water yet readily separate large amounts of water.

APPLICATIONS

- Hydraulic systems critical to deposit build-up such as sophisticated numerically controlled (NC) machines, particularly where close clearance servo-valves are used
- Where small amounts of water are unavoidable
- Applications where sludges and deposits form with conventional products
- In systems containing gears and bearings
- Systems requiring a high degree of load-carrying capability and anti-wear protection
- Applications where thin oil-film corrosion protection is an asset such as systems where small amounts of water are unavoidable

SPECIFICATIONS

Meets or exceeds the requirements of:

- DIN: 51524 Part 2 HLP Type
- ISO 6743-4 HM
- Denison HF-0, HF-1, HF-2
- Vickers I-286-S, Vickers M-2950-S
- Cincinnati Milacron P-70

TECHNICAL DATA

CHARACTERISTIC	TEST METHOD	RESULT
Viscosity @ 40°C cSt	ASTM D 445	44.2
Viscosity @ 100°C cSt	ASTM D 445	6.65
Viscosity Index	ASTM D 2270	98
Pour Point, °C	ASTM D 97	-27
Flash Point, °C	ASTM D 92	232
FZG 4-Square Load Support, DIN 51354	Fail Stage	11

The information contained herein is subject to change without notification. Typical properties may vary slightly.