



**BOLDLY EXCEEDING EXPECTATIONS.**

## **DYNA HYDREX AW**

### **ANTI WEAR HYDRAULIC OILS**

Dyna Hydrex AW is a high performance anti wear hydraulic oil which meets the stringent requirements of hydraulic systems using high pressure, high output pumps as well as other hydraulic system components such as close clearance servo-valves and numerically controlled machine tools.

Dyna Hydrex AW is a multifunctional hydraulic fluid formulated with suitable base stocks, having extended oil life and pump durability. These oils

have excellent anti wear and EP performance, good antifoam and demulsibility characteristics, excellent thermal and oxidation stability and inhibits steel and yellow metal corrosion.

These products meet the most rigorous performance requirements of a wide range of hydraulic system and component manufacturers, allowing the use of a single product with excellent performance characteristics.

### **FEATURES & BENEFITS**

- Excellent oxidation stability helps reduce maintenance downtime and costs by contributing to system cleanliness and deposit reduction, enabling long oil and filter life.
- Enhanced anti-wear and corrosion protection of system components using various metallurgy help extend component life and improve production capacity.
- Controlled demulsibility protects systems from small and large quantities of water.

- Keeps clean properties, reduces system deposits and sludge, helps to protect equipment and extends equipment life, reduces maintenance costs and improves total system performance.
- Quality reserve maintains performance features even under severe service conditions and extended drain interval

### **APPLICATION**

Hydraulic systems critical to deposit build-up or where sludge and deposits form with conventional products. Hydraulic systems requiring a high load-carrying capability and anti-wear protection, and when thin oil-film corrosion protection is an asset. Where small amounts of water are unavoidable. Machines employing a wide range of

components using various metallurgy where the requirements of U.S. Steel 127 and 136, DIN 51524 Part II, Cincinnati Machine P68, P69 and P70.

They may also be suitable for use in finished fluids requiring Denison HF-0, HF-2, Vickers I-286S and M-2950-S



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## SPECIFICATION OF DYNA HYDREX AW

PARAMETERS	ISO VG 10	ISO VG 22	ISO VG 32	ISO VG 46	ISO VG 68	ISO VG 100	ISO VG 150
cSt @ 40 Deg C	10.2	21	31.5	44.2	71	96	147
Rust protection Proc B, ASTM D665	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Foam Tendency / Stability ASTM D892	20/0	20/0	20/0	20/0	20/0	20/0	20/0
Copper Strip Corrossion, 3 hrs @ 100 deg C, ASTM D130	1B	1B	1B	1B	1B	1B	1B
Pour Point, Deg C, ASTM D 97	-15	-15	-12	-12	-10	-9	-9
Flash Point, Deg C, ASTM D 92	174	200	220	220	232	240	245

These characteristics are typical of current production.

Whilst future production will conform to Dynamo specification, variations in these characteristics may occur.

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