



HYDRA HM+

High Performance anti-wear Hydraulic oils

Applications

Used in Hydraulic circuits. Hydra HM+ is designed for use in all kind of hydraulic systems (machine tools, mold injection machines, presses and other industrial or mobile equipment) running under the most difficult conditions. It is used in many other applications where a universal high performance anti-wear lubricant is the first choice.

Meet the following specifications of

- Denison HF-0, HF-1, HF-2
- ISO 6743/4 (HM, HV)
- DIN 51524, p.2 and 3 (HLP, HVLP)
- AFNOR NF E 48-603 (HM, HV)
- SS 155434
- VDMA 24318
- SEB 181 222
- U.S. Steel 126, 127 and 136
- General Motors LH-04-01, LH-06
- Eaton (Vickers)
- Cincinnati Machine
- ISO 11158
- ASTM D6158 -05
- Vickers M-2950-S
- Denison Hydraulics TP 02100

Advantages

- Long equipment life
- High operating reliability
- High protection against wear ensuring maximum equipment life
- Superior thermal stability avoiding formation of sludge even at high temperature
- Very good oxidation stability ensuring a long service life of the oils
- Remarkable filterability even in the presence of water
- Excellent hydrolytic stability avoiding filter blockage
- Excellent protection against rust and corrosion
- Good anti-foam and air release properties by using silicon free components
- Good demulsification capacity (oil-water emulsion separation time)
- Reduced maintenance and operating costs

Typical Characteristics / Properties

		Test Method	ISO 46	ISO 68
Appearance		Internal	Clear Liquid	
Colour		D 1500	L 0.5	
Density at 30° C	Kg/L	D 4052	0.870	0.874
Viscosity at 40°C	mm ² /s	D 445	45.6	67.90
Viscosity at 100°C	mm ² /s	D 445	7.1	8.97
Viscosity Index	-	D 2270	114	106
Flash Point Cleveland	° C	D 92	224	240
Pour Point	° C	D 97	-15	-12