



PRODUCT INFORMATION

EP HYDRAULIC OIL

CHARACTERISTICS

EP Hydraulic Oil belongs to a new generation of high performance oils with outstanding properties, low friction such as reduced wear and longer lifetime doing operations.

EP Hydraulic Oil has been developed using highly refined base oils with selected additives, ensuring that the oil covers all the technological requirements of state-of-the-art hydraulic oil.

QUALITIES & ADVANTAGES

- The oil has been developed as long life oil and stabilizes oxidation and is thermally stable.
- Can be used as an all round processing oil with many industrial uses due to its high quality.

ANTI-WEAR AND TEAR QUALITIES

- Ensures, with the special selected additives, minimal wear and tear and extended lifetime for all components.

CORROSION INHIBITOR

- Strong Anti corrosion inhibitor for all metals including silver, copper and bronze.

APPLICATION

- Recommended for industrial & hydraulic systems including injection-moulding machines in the plastic industry, hydraulic presses, cranes, windlasses, lifts and pumps.
- Particularly suited for contractor equipment, other mobile equipment and for marine applications.

- Recommended for all hydraulic power systems operating at a pressure of above 70 Bars (Kg/cm²) and at pump speeds above 1600 RPM.

SPECIFICATION:

EP Hydraulic Oil meets, is approved or exceeds the following:

- * ASTM D-943 Oxidation Test
- * ASTM D-665 Anti Corrosion Test
- * CRC Foam Test.
- * SPERRY VICKERS Vign Pump Wear Test V 104 - 35VQ25
- * DIN-norm 51524/51525 part 2 German Standard
- * AFNOR E 48-603 French Standard
- * CINCINNATI MILACRON P-68 P-70
- * DENNISON HF 0 - HF 2
- * FZG load Test stage 12 DIN 51354
- * Four Ball Wear Test.
- * Four Ball Load Test.
- * **EP HYDRAULIC OIL HV** (High Viscosity Index line) Special DATA enclosed.

SAFETY & ENVIRONMENT

- Avoid prolonged skin contact with the product.
- Keep products away from children.
- If swallowed, do not induce vomiting - call a doctor.
- Do not inhale fumes.
- Do not dispose empty cans or waste in the nature.

EP HYDRAULIC OIL - continued

PHYSICAL DATA

ISO-grade	15	32	46	68	100	150
VISCOSITY (cSt) mm ² /s at 40°C	15	32	46	68	105	151
VISCOSITY (cSt) mm ² /s at 100°C	3,5	5,6	7,0	9,2	11,8	14,0
VISCOSITY INDEX Typical	100	100	100	100	100	100
E° AT 50°C	1,95	3,0	4,0	5,6		
POUR POINT, °C	-30	-30	-30	-30	-30	-30
FLASH POINT COC, °C	170	180	190	205	215	224
SPEC. GRAVITY Kg/Ltr	0,865	0,875	0,880	0,885	0,886	0,888