

TAPPCO lubricants

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Product Technical
Specification

HYDRAULIC OIL

Product Description:

This product is premium quality anti-wear hydraulic fluids.

The economical operation of a hydraulic system is dependent on the correct hydraulic oil being used. Many modern machines use hydraulic oils for the transmission of power from one component to another. This method is used in industry in areas such as Engineering Machine Shops, where large numbers of small moving parts have to be provided with power from one main source, Hydraulic Presses which are used to shape, extrude or stamp metals under high pressures and Hydraulic Jacks which are used to lift heavy loads.

This product range of hydraulic fluids are manufactured from highly refined base oils, which have good oxidation resistance lowering the possibility of gums and lacquers, which would prevent the moving of the working parts. They contain carefully selected additives such as anti-oxidant; anti-corrosion to protect the system from corrosion should water be present and anti-wear to reduce wear in rotary pumps used in hydraulic systems.

Applications:

This product range of hydraulic oils is suitable for a wide variety of applications. They are recommended for rotary, vane, axial piston, gear pumps and bearings in many types of circulating systems.

Typical Test Data:

ISO VG	32	46	68	100
Specific Gravity @ 15.6°C	0.873	0.878	0.880	0.888
Kinematic viscosity @ 40 °C (cSt)	32.02	46.03	68.06	100.0
Kinematic viscosity @ 100 °C (cSt)	5.4	6.8	8.8	11.4
Viscosity Index	102	102	102	100
Flash Point COC (°C)	215	220	224	225

Benefits:

- ✦ Incorporates the latest corrosion inhibitors for protection against all forms of corrosion.
- ✦ Highly shear stable.
- ✦ Good anti foaming and air release properties.
- ✦ Good demulsification characteristics.
- ✦ Good anti-wear performance for reduced wear in highly stressed vane pumps, highly loaded areas such as swash plates.
- ✦ High oxidation and thermal stability.
- ✦ Suitable for the majority of hose materials.

Product Specification:

DIN	51524 Part 2: HLP
ISO	6743-4:HM
Sperry Vickers	M-2950-S I-286-S
US Steel	127
Thyssen	TH N-256132
SEB	181.222
VDMA	24318
Afnor	NF E 48-600
Denison filterability	TP 02100

Health & Safety: (Group 1)

Please refer to the relevant health and safety data sheet, a copy of which is freely available to all of our customers.

Availability:

This product is available in:

200 liters, 4 liters, 1 liter.

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