

# HYDRAULIC OIL H

## 22, 32, 46, 68, 100, 150

### DESCRIPTION

HYDRAULIC OIL H is blended from high quality, stable solvent refined base oils and incorporated with balanced additive system that includes anti-wear and oxidation inhibitors. Utilization of Hydraulic Oils will provide excellent wear protection in hydraulic and circulation systems and good air release properties.

### APPLICATIONS

HYDRAULIC OIL H is recommended for most types of hydraulic systems, moderately loaded gears and bearing lubricated by circulation bath and ring oiling. It is available in a wide range of viscosities to meet a variety of design and operating requirements.

### BENEFITS

- Excellent anti-wear performance.
- Provides rust and corrosion protection.
- Superior Filterability.
- Low Friction.
- Excellent water separation, air release and antifoam properties.
- Seal and paint compatibility.
- Excellent oxidation resistant.

### PERFORMANCE LEVEL

Meet the following specifications  
Denison HFO and HF2.  
Vickers 35VQ25.  
Cincinnati Machine P-68, P-69, P-70.  
DIN 51524 Part 2& 3.  
AFNOR NFE-48-603 (HM), (HV)  
Denison T6C-20 Vane Pump.  
AFNOR NE 48-690, NF E-48-691 Filterability.

### PRODUCT TYPICAL CHARACTERISTICS

PROPERTIES		UNITS	VALUE						TEST METHOD
Grade		-	22	32	46	68	100	150	-
Specific Gravity	@ 15°C	-	0.8500	0.8565	0.8695	0.8820	0.8870	0.8890	ASTM D-1298
Viscosity	@ 40°C	mm <sup>2</sup> /s	22.00	31.00	46.00	68.00	97.00	155.0	ASTM D-445
	@ 100°C	mm <sup>2</sup> /s	4.3	5.25	6.75	8.70	11.00	15.20	ASTM D-445
Viscosity Index		-	98	98	98	98	98	96	ASTM D-2270
Flash Point	COC	°C	200	214	220	230	240	240	ASTM D-92
Pour Point		°C	-33	-33	-30	-27	-21	-21	ASTM D-97
TAN		mg KOH/g	0.40	0.40	0.40	0.40	0.40	0.40	ASTM D-974
Color		-	0.5	L1.0	1.0	1.5	2.0	2.5	ASTM D-1500