

## Product Data

### **ZIE HYDRO SUPER** Premium HLP Hydraulic Oil

#### **Description:**

Zie Hydro super is specially blended with unique formulation and high quality base oil. It contains excellent properties to perform well in the hydraulic system. It made with outstanding capabilities of Antirust, Antifoam, antioxidant and Anti wear additive packages.

#### **Features:**

- Good Anti-wear properties helps in enhancing pump life
- Excellent resistance to hydrolysis and oxidation helps in extending the life of oil
- Good demulsification ability allowing for quick water/oil separation
- Superior antifoam properties helps in excellent hydraulic response & proper lubrication performance by preventing pump wear, cavitations & maintain pressure
- Render good antirust and anticorrosion property which helps to extend equipment life
- Exhibit optimum Viscosity Index
- Exhibit good filtration ability in the presence of water

#### **Specifications:**

Meeting the requirements of

- DIN 51524 Part 2 HLP
- VICKERS V-104 C
- REXROTH RO 90220-01/12.10
- AFNOR NF E 48603 HM
- DENISON HF0
- T6H20C Hybrid pump IS 10522 – 1998
- FIYES CINCINNATI P-64 LEVEL
- DANIELI STANDARD N.O. 000.001-REV.15

## Applications:

Zie Hydro Super oils are recommended as fluid media for hydraulic systems and hydraulic pumps even under severe operating conditions in stationary and mobile equipment. These oils are also recommended for circulation, splash, bath and ring oiling systems of the bearings (both plain and anti-friction) and gears of industrial machinery that require a long life lubricant.

## Typical characteristics:

Characteristics	Test Method	Zie Hydro Super HLP					
		22	32	46	68	100	150
Appearance	Visual	Clear and bright	Clear and bright	Clear and bright	Clear and bright	Clear and bright	Clear and bright
Colour, max.	ASTM D 1500	0.5	0.5	1	1	1	1.5
Kinematic viscosity, cSt at 40 °C	ASTM D 445	20-24	30-34	42-50	62-74	90-110	135-165
Viscosity index, min.	ASTM D 2270	119	120	120	118	100	95
Flash point (COC), °C, min.	ASTM D 92	190	200	210	220	220	230
Pour point, °C, max.	ASTM D 97	-15	-15	-15	-12	-12	-9
Copper strip corrosion, at 100 °C, 3 hrs.	ASTM D 130	1a	1a	1a	1a	1a	1a

The above figures are typical figures with normal production tolerance.

## Health & Safety

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.