

## Product Data

### **ZIE HYDRO SUPER T3** Premium HVLP Hydraulic Oil

#### **Description:**

Zie Hydro Super (T-3) is a high performance antiwear hydraulic oil, specifically designed to meet the needs of modern, high pressure, industrial and mobile equipment hydraulic systems. It's formulated with selected base oils treated with "low zinc" technology ensuring excellent thermal, oxidative and hydrolytic stability.

Zie Hydro super (T-3) is recommended for outdoor equipment which are likely to operate in wide temperature range, such as systems where cold start-up and It's suitable also for manufacturing equipment that incorporates control systems requiring minimal viscosity change with temperature.

This product has formulated with special additive to obtain TOST life 5000 hrs in the hydraulic system. It ensures durability of oil life with less consumption over period of years .

#### **Specifications:**

Meets the requirement of ISO 6743/4 HM

- DIN 51524-3 HVLP
- Danieli Standard n. 0.000.001 - Rev.15
- Sauer Danfoss 520L0463
- CETOP RP 91 H HV
- AISE 127
- Linde
- Commercial Hydraulics
- BS 4231 HSE
- AFNOR NF E 48603 HV
- Fives Cincinnati P-70
- Eaton Vickers I-286-S level
- Eaton Vickers M-2950-S
- Rexroth RD 90220-01/12.10
- Denison HF-0
- ISO 11158 HV
- ZF TE-ML 04R

## Applications:

- Suitable for applications operating in a wide temperature range due to high a viscosity index and an excellent viscosity stability
- Suitable for hydraulic systems with very thin filters prolongs oil charge life extending re-lubrication intervals due to very high thermal stability
- Protects hydraulic pumps and components due to anti-wear properties, and quick air release properties
- Compatible with a wide range metallic components
- Excellent demulsibility properties improves system efficiency

## Typical characteristics:

Characteristics	Test Method	Zie Hydro Super T3	
		46	68
Appearance		Clear and bright	Clear and bright
Density @ 29.5°C, kg/l,	ASTM D1298	0.859	0.860
Kinematic viscosity, cSt at 40 °C	ASTM D 445	42-50	62-74
Viscosity index, min.	ASTM D 2270	162	162
Flash point (COC), °C, min.	ASTM D 92	230	232
Pour point, °C, max.	ASTM D 97	-37	-37
Copper strip corrosion, at 100 °C, 3 hrs.	ASTM D 130	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.

All reasonable care has been taken to ensure that the information contained in this publication is accurate as at the date of printing. It should be noted however that the information above may be affected by changes occurring subsequent to the date of printing in the blend formulation or methods of application of any of the products referred to or in the requirements of any specification approval relating to any such products.