



DIVYOL ENTRO TH HYDRAULIC OILS – TH-32 / TH-46 / TH-68

Applications:

Divyol Entro TH type Hydraulic Oils TH-32, TH-46 and TH-68 are high viscosity index, low pour point blends specially formulated for heavy duty operations as fluid media in all hydraulic system including Tata Hitachi Excavators, JCB and KOMATSU (off highway equipment) where very low operating temperatures are common and the application demands use of oils with a very high viscosity index.

Standards:

Divyol Entro TH type Hydraulic Oils are blended with high quality base stocks and select additives for optimized performance. These oil blends conform to performance standards as per Denison Hydraulics (HF0, HF1, HF2); EATON VICKERS M-2950 S; EATON VICKERS – 1286 S; ISO: 11158 (HV FLUIDS); DIN 51524 PART 3 HVLP TYPE; and GB 111181 – 1.94 (HV FLUIDS).

Advantages:

Divyol Entro TH type Hydraulic Oils have special anti-wear additives essential for certain hydraulic equipment used for heavy-duty operations. Their oxidation inhibitor and anti-rust additives ensure excellent wear protection and therefore consistently efficiency and productivity. These blends comply with ASTM D943 test and offer long service life and cleanliness of the hydraulic system. Their defoamant additive prevents the build up of foam. They have high shear stability and ensure a cleaner system thus preventing issues of filter blocking. They also enable easy flow at very low temperatures. These oils are suitable for a wide range of operating temperatures due to their very high viscosity index. They are also compatible with other lubricants and seals and suitable for most hydraulic pumps.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol TH Hydraulic Oils		
			TH-32	TH-46	TH-68
1	Appearance	Visual	Bright and clear	Bright and clear	Bright and clear
2	Colour, max.	ASTM D 1500	0.5	0.5	0.5
3	Kinematic viscosity at 40 °C cSt	ASTM D 445	30 – 34	42 – 50	62 – 74
4	Kinematic viscosity at 100 °C cSt, min.	ASTM D 445	6.22	7.7	11.0
5	Viscosity index, min.	ASTM D 2770	150	150	150
6	Flash point (COC) °C, min.	ASTM D 92	210	220	230
7	Pour point °C, max.	ASTM D 97	-39	-39	-33
8	Copper strip corrosion at 100 °C for 3 hrs., max.	ASTM D 130	1a	1a	1a
9	Air release value at 50 °C, minutes	ASTM D 3427	8	8	8
10	Aniline point, °C	ASTM D 611	115	115	120
11	Foam characteristics tendency/stability, ml, max.	ASTM D 892			
	Sequence I		Nil	Nil	Nil
	Sequence II		Nil	Nil	Nil
	Sequence III		Nil	Nil	Nil
12	Rusting test, 24 hrs. with sea water	ASTM D 665/B	Complies	Complies	Complies

The above properties are typical values and do not constitute specification of the product.

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