

DIVYOL HYDRAULIC OILS HLP

Applications:

Divyol Hydraulic Oils HLP (N) are specially formulated for use in hydraulic systems, enclosed gear boxes, chain drives, compressors, vacuum pumps, mining machinery, machine tools, circulating oiling systems, etc., wherein oil is recirculated and used for extensive periods. It is especially recommended for sophisticated high performance electro-hydraulic or numerically controlled systems.

Standards:

Divyol Hydraulic Oils HLP (N) are blended using select high viscosity index base-oils and additives. The blends' performance conforms to IS:11656-1983, IS:10522 -1993, DIN 51524 Part II and ISO HM -III 58. They also pass the Vickers V-104C vane pump test and are approved by Rexroth.

Advantages:

Divyol Hydraulic Oils HLP (N) possess excellent anti-wear, oxidation inhibition and anti-rust qualities which reduce wear of moving parts. They also have excellent demulsibility, hydrolytic stability, anti-foam properties and superior filterability. The blends have an improved FZG rating and being versatile can be used for various applications, with a possible reduction in inventory. These blends have an improved FZG rating and being multipurpose, they can bring about a reduction in inventory.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Hydraulic Oils HLP				
			32 N	46 N	68 N	100 N	150 N
1	Appearance	Visual	Bright and clear	Bright and clear	Bright and clear	Bright and clear	Bright and clear
2	Colour, max.	ASTM D 1500	3.0	3.5	4.0	4.5	5.0
3	Kinematic viscosity at 100 °C, cSt	ASTM D 445	5.0	6.5	7.6	9.6	12.0
4	Viscosity index, min.	ASTM D 2270	100	110	110	110	105
5	Flash point, COC, °C, min.	ASTM D 92	196	200	204	210	210
6	Pour point, °C	ASTM D 97	-12	-12	-12	-9	-9
7	Emulsion characteristics at 54 °C	ASTM D 1401	40-37-3 (20)	40-38-2 (20)	40-37-3 (20)	-	-
8	Emulsion characteristics at 82 °C	ASTM D 1401	-	-	-	40-37-3 (20)	40-37-3 (20)
9	4 ball wear at 30 kg	ASTM D 4172	0.4	0.4	0.4	0.4	0.4
10	FZG load test, passes load stage	ASTM D 5182	12	12	12	12	12

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

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