

Balmerol® Hydraulic

Mineral oil based Hydraulic and Circulating oils

Product Data Sheet

Product Description

BALMEROL HYDRAULIC Series is high quality hydraulic oil, designed to meet the requirements of normal hydraulic & circulating systems. It is formulated with the best quality high viscosity index mineral oil and synergistic additives for imparting anti wear, anticorrosion, oxidation inhibition and antifoam properties. It exhibits low deposit forming tendencies and offer good rust protection and demulsibility characteristics.

Applications

BALMEROL HYDRAULIC Series is designed for Hydraulic Power transmission in systems operating at moderate to high pressures, speeds and temperature. Meeting Vickers Specifications V-104C for Vane pump test, it is recommended for all types of industrial as well as mobile equipment like fork lift trucks, dumpers, molding and various hydraulic equipment. BALMEROL HYDRAULIC series is also recommended for circulation, ring oiling and splash lubrication systems in industrial machinery. BALMEROL HYDRAULIC series fully conforms to IS: 10522/1983 and IPSS 1-09-022 requirements. For best performance contamination of BALMEROL HYDRAULIC series with other products such as detergent motor oils should be avoided.

Availability

BALMEROL HYDRAULIC series is available in drum and pail.

Technical Data

			BALMEROL HYDRAULIC (Mineral oil based Hydraulic and Circulating oils)			
No	Characteristics	Method	H 32	H 46	H 68	H 100
1	Appearance	Visual	Clear & Bright			
2	Colour	Astm D 1500	L 1.0			
3	Kinematic Viscosity @ 40°C, cst	ASTM D 445	32	46	68	100
4	Kinematic Viscosity @ 100°C, cst	ASTM D 445	5.50	7.0	9.0	11.70
5	Viscosity Index	ASTM D 2270	105	105	105	105
6	Flash point, COC, °C	ASTM D 92	230	230	230	230
7	Copper strip corrosion, @ 100°C	ASTM D 130	1b			
8	Foaming tendencies / stabilities					
	a)	Sequence I, ml	5 / 0			
	b)	Sequence II, ml	25 / 0			
	c)	Sequence III, ml	5 / 0			
9	Pour point, °C	ASTM D 97	(-) 3			

Health and Safety

Balmerol Hydraulic series is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed.

For further information, contact:

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