

Mabanol Circulating Oil

Circulating Oils

Application

Mabanol Circulating Oils are applied by the industry as universal lubricating oils. They are suitable for use as bearing lubricants and in gearboxes and hydraulic systems with low and moderate loads in applications where the design specifications do not call for EP alloyed oils. Mabanol Circulating Oils also have a proven record in variable ratio gearboxes (please observe manufacturer's specifications) and are well-suited to use in vacuum pumps and compressors. Mabanol Circulating Oils in low viscosities can also be used as non-oxidizing annealing oils.

Properties

Mabanol Circulating Oils are paraffinic solvents with a high natural viscosity index. They possess excellent air and water rejection ability, good ageing and corrosion-resistance characteristics, and a high flash point. Mabanol Circulating Oils meet the requirements for C Class lubricating oils according to DIN 51 517, Part 1, as well as DIN 51 506, Groups VB and VC.

Standards

- DIN 51 517 part 1
- DIN 51 506 – VB/VC
- ISO 6743 part 3 – DVA/DVC

Data

Viscosity Classification

	Test method	Unit	46	68	100	220	320
Colour	DIN ISO 2049		L 1,0	L 1,5	L 2,5	2,5	2,5
Density at 15°C	DIN 51 757	g/cm ³	0,872	0,878	0,880	0,887	0,895
Viscosity at 40°C	DIN EN ISO 3104	mm ² /s	46	68	100	220	320
Viscosity at 100°C	DIN EN ISO 3104	mm ² /s	6,7	8,7	11	18,5	23,5
Viscosity Index (VI)	DIN ISO 2909		95	95	95	93	> 90
Flash point COC	DIN ISO 3016	°C	225	235	245	260	270
Pourpoint	DIN 51 558	°C	-12	-12	-12	-9	-9

Updated in September 201

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1981