



POWEROIL® SAPPHIRE MH

POWEROIL® SAPPHIRE MH is a high viscosity naphthenic oil formulated from hydrogenated naphthenic base oils. This oil is non staining in nature and posses excellent thermal, oxidation and colour stability.

No.	Characteristics	Unit	Test Method	Typical Data	
				Min	Max
1.	Appearance	-	Visual	Clear amber Liquid, free from foreign matters	
2.	Colour, ASTM	-	ASTM D 1500	-	2.0
3.	Density at 29.5 ° C	gms / ml	ASTM D 1298	0.900	0.920
4.	Kinematic viscosity at 40°C	cSt	ASTM D 445/7042	95.0	105.0
5.	Flash Point , (COC)	° C	ASTM D 92	200	-
6.	Pour Point	° C	ASTM D 97	-	-18
7.	Aniline Point	° C	ASTM D 611	85	90
8.	PCA Content	% wt.	IP 346	-	3.0
9.	Sulfur Content	%	ASTM D 4294	-	0.05
10.	Hydrocarbon Type Analysis,		ASTM D 2140		
	C _A	%		15 (Typ.)	
	C _P	%		50 (Typ.)	
	C _N	%		35 (Typ.)	

Application :- used in the manufacturing of Metal working fluids.

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