

## POWEROIL SAPPHIRE MW L 100

POWEROIL SAPPHIRE MW L 100 is processing oil formulated from carefully selected hydrogenated Naphthenic base oils. These Naphthenic oils are more polar in nature than Paraffinic oils and hence they have greater affinity to metal, good cooling properties and excellent low temperature properties.

Sr No	Characteristics	Unit	Test Method	Specification	
				Min	Max
1	Appearance	-	Visual	Clear Liquid	
2	Color, ASTM	-	ASTM D 1500	-	2.0
3	Density at 29.5°C	gm/ml	ASTM D 1298	0.860	0.900
4	Kinematic Viscosity at 40°C	cSt	ASTM D 445 / D 7042	20.50	24.00
5	Flash Point, (COC)	° C	ASTM D 92	150	-
6	Pour Point	° C	ASTM D 97	-	-24
7	Aniline Point	° C	ASTM D 611	75	80
8	Carbon Type Analysis		ASTM D 2140		
	Aromatic, Ca	%		10 (Typical)	
	Paraffinic, Cp	%		43 (Typical)	
	Naphthenic, Cn	%		47 (Typical)	

**Applications:** Used in the manufacturing of metal working fluids & Lubricants.