

**POWEROIL FLEXOIL N**  
**(NAPHTHENIC OIL)**

**POWEROIL FLEXOIL N** is processing oil conforming to ASTM 103 Type, formulated from carefully selected hydrogenated Naphthenic base oils. These are non-staining in nature and possess excellent Thermal, oxidation and color stability. This grade is compatible for processing of NR, SBR & PBR Rubber processing.

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	0.850	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	-	-9
7	Aniline Point	° C	ASTM D 611	70	85
8	PCA Content	% wt.	IP 346	-	3.0
9	Carbon Type Analysis		ASTM D 2140		
	Aromatic, Ca	%		10 (Typical)	
	Paraffinic, Cp	%		43 (Typical)	
	Naphthenic, Cn	%		47 (Typical)	

**APPLICATIONS:** POWEROIL FLEX OIL N is suitable for the following applications:

- Manufacturing of Tyres.
- Retreads
- Natural Rubber Tubes
- Molded and extended Rubber Products
- Insoluble Sulphur