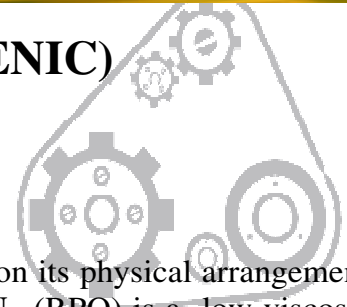




**RUBBER PROCESS OIL (RPO - NAPHTHENIC)
MOTOROL VULCAN - N**



Introduction:

MOTOROL VULCAN (RPO) is broadly classified into three basic groups, depending on its physical arrangements of carbon atoms namely paraffin, naphtha and aromatics. **MOTOROL VULCAN – N** (RPO) is a low viscosity naphthenic oil which are refer to as 'cycloparaffins'

Applications:

Used in Extruded & Moulded Articles, LPG & Automotive tubes. It is also used in Garden & Firefighting hose.

Advantages:

- ◆ Facilitates mixing operations
- ◆ Reduces compounding time
- ◆ Improves processibility
- ◆ Minimizes power consumption

Performance Standard:

Proprietary grade

Typical Specifications:

Sr. No.	Characteristics	Test Methods	VULCAN N 22	VULCAN N 32
1	Appearance	Visual	Bright & Clear	Bright & Clear
2	Colour, Max	ASTM D 1500	2.0	3.0
3	Kinematic Viscosity at 100 °C, cSt	ASTM D 445	20-24	29-35
4	Flash point °C, Min	ASTM D 92	160	190
5	Pour Point, °C Max	ASTM D 97	-3	-3
6	Aniline Point, °C	ASTM D 611	75-80	75-80
7	Acidity, mgKOH/g Max	ASTM D 974	0.1	0.1
8	Carbon Type Analysis	ASTM D 2140		
	CA %		14	14
	CN %		20	22
	CP %		66	64

Environment, Health & Safety:

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request.

MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not Spill oils on the shop floor, discharge into drains ,ground or water sources.