

POWEROIL TOPAZ H 500 PRIME

Meets the requirements of the following specifications:

- USA FDA 21 CFR 178.3620 (b), technical white oils
- Europe Regulation (EU) 10/2011 on plastic material and articles intended to come into contact with foodstuff, White mineral oil.

Sr No	Characteristics	Test Method	Typical Values	Specification	
				Min	Max
1	Appearance	Visual		Clear & Bright	
2	Odour	Olfactory		Absent	
3	Color, Saybolt	ASTM D 6045		+ 30	-
4	Density at 25°C, gm/ml	ASTM D 1298		0.845	0.870
5	Kinematic Viscosity at 40°C, cSt	ASTM D 445 ASTM D7042		90	110
6	Kinematic Viscosity at 100°C, cSt	ASTM D 445 ASTM D 7042		10	-
7	Flash Point, (COC), °C	ASTM D 92		250	-
8	Pour Point, °C	ASTM D 97		-	-9
9	Average Molecular Weight	ASTM D 2502		480	-
10	Hydrocarbon with less than 25 carbons, wt %	ASTM D 6352		-	5
11	Color, Saybolt (After UV exposure for 48 Hrs.)	INHOUSE		+18	-
12	Volatility @ 10 mm Hg, temp (°C) at which	ASTM D 1160			
	5 % off		294	290	-
	10 % off		300	295	-
13	Paraffinic / Naphthenic / Aromatic	ASTM D 2140	68/32/0	-	-

Applications

Poweroil Topaz H 500 Prime is a purified mixture of liquid saturated hydrocarbons. It is colourless, transparent, and odourless.. Due to its low-volatility and high UV stability is suitable for special polymer applications.

Poweroil Topaz H 500 Prime due to its very low volatility, excellent UV stability is suitable for applications such as Thermoplastic Elastomers/ Plastics/Adhesives/ Rubbers.