



## POWEROIL SAPPHIRE H18

(MILD EXTRACTED SOLVATE - LOW PCA OIL)

**POWEROIL SAPPHIRE H 18** is Medium viscosity rubber processing oil, it meets European Regulation (EU directive 2005/69/EC) for Non toxic and Non Carcinogenic Oils of < 3 % PCA Content as per IP: 346 Standard and are PAH free. It is also compatible for processing NR, SBR, PBR, EPDM and Reclaim Rubber.

Sr.No.	Characteristics	Unit	Test Method	Typical Data
1.	Appearance	-	Visual	Clear & Bright
2.	Kin. Viscosity , cSt @ 40°C	cSt	D – 445	150 to 200
3.	Kin. Viscosity , cSt @ 100°C	cSt	D – 445	13.0 to 17.0
4.	Density @ 15°C , gmc/cc	gm/ml	D – 1298	0.895 – 0.925
5.	Density @ 29.5°C , gmc/cc	gm/ml	D – 1298	0.908
6.	Colour ,	-	D – 1500	< 3.0
7.	Flash Point (COC) , °C	°C	D – 92	230
8.	Pour Point , °C	°C	D – 97	-12
9.	Aniline Point, °C	°C	D - 611	85 to 100
10.	Polycyclic Aromatic compounds,	% wt.	IP 346	< 3.0
11.	Poly Aromatic Hydrocarbons (PAH'S), sum of 8 PAH	PPM	EPA - 8082	< 10 PPM

### **Application:-**

- Manufacturing of Tyres, Manufacturing of Automotive Tubes, Retreads, Reclaim Rubber
- Extrusion Profiles, Molded / Extruded Products

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