

## 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 Nontoxic 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	Specification	
				Min	Max
1	Appearance	-	Visual	Clear Liquid	
2	Color, ASTM	-	ASTM D 1500	-	3.0
3	Density at 29.5°C	gm/ml	ASTM D 1298	Report	
4	Density at 15°C	gm/ml	ASTM D 1298	0.895	0.925
5	Kinematic Viscosity at 40°C	cSt	ASTM D 445 / D 7042	150	230
6	Kinematic Viscosity at 100°C	cSt	ASTM D 445 / D 7042	13	17
7	Flash Point, (COC)	° C	ASTM D 92	230	-
8	Pour Point	° C	ASTM D 97	-	-12
9	Aniline Point	° C	ASTM D 611	85	100
10	DMSO Extract (PCA Content)	%	IP 346	-	3.0
11	Poly Aromatic Hydrocarbons (PAH'S), sum of 24 PAH	mg/kg	BS EN 16143	-	10

### Application:

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