

S-OIL Rubber Process Oil

Product Description

S-OIL Rubber Process Oil series are highly refined paraffin-base rubber process oils with strong age resistance. They are odorless and show superior chemical and physical properties including excellent oxidation stability and low volatility. They designed for a wide variety of process applications and available in a wide range of viscosities.

Applications

- The manufacturing of butyl tubes and variety technical molded and extruded products based on rubber like BR, IIR, EPT, NR and SBR
- Suitable in the manufacturing of light colored products.
- Preferred for achieving high retention of properties after aging and higher loading of oil because of their high paraffinic content and viscosity.
- Heat resistant conveyor belt and steam hose, Etc.

Features and potential benefits

- Wide range of viscosities, high flash point
- Highly saturated, low aromatics content
- Excellent oxidation & thermal stability and very good color stability
- Low volatility at high temperature improves process efficiency

Performance level

- ISO VG 150 / 170 / 220

Typical Properties

Test Items	Method	Unit	150	170	220
Specific gravity	ASTM D1298	-	0.880	0.882	0.885
Viscosity	40°C	ASTM D445	150.1	169.4	219.2
	100°C	ASTM D445	15.05	16.48	19.43
Viscosity index	ASTM D2270	-	100	99	98
Flash point	ASTM D92	°C	272	264	278
Pour point	ASTM D97	°C	-15	-15	-15
Color	ASTM D1500		L2.0	L2.0	L2.0
Sulfur content	ASTM D5453	ppm	69	85	114
Ring analysis - Aromatics	ASTM D3238	wt%	3.2	3.5	4.3
Ring analysis - Naphthenic		wt%	26.9	26.9	26.3
Ring analysis - Paraffinic		wt%	69.9	69.6	69.4
Aniline point	ASTM D611	°C	123.8	125.5	125
Saturate	ASTM D2077	wt%	86.2	84	80.2

S-OIL CORPORATION
192, Baekbeom-ro, Mapo-gu,
Seoul, 04196, Korea

S-OIL Rubber Process Oil P
2017.2.17.

