



Product Literature

ISO 9001:2008 REGISTERED

STAN-LUBE PARAFFINIC PROCESS OILS

Stan-Lube Paraffinic process oils consist of the following grades Stan-Lube 10, 15 and 60, which are Group II type oils and produced using the hydrocracking method. These highly refined process oils are fairly low in volatility, very low in aromaticity and have excellent color.

The Stan -Lube 80 grade is a Group I product that is also highly refined and is produced by distillation solvent extraction and solvent dewaxing of high quality crudes. This product has very low volatility, low aromaticity and good color stability, along with good oxidation and heat resistance.

These process oils are used as plasticizers and extenders in saturated polymers such as EPR, EPDM, Butyl and for applications such as caulks and sealants. These oils have limited utility in unsaturated polymers and more polar elastomers such as Polychloroprene(CR) and Nitrile (NBR) rubber.

Typical properties of the popular grades are shown below. Technical and White mineral oils to meet specific requirements are also available.

TYPICAL PROPERTIES OF STAN-LUBE PARAFFINIC PROCESS OILS

<u>Properties</u>	<u>Group II</u>		<u>Group I</u>	
	<u>10</u>	<u>15</u>	<u>60</u>	<u>80</u>
Viscosity, SUS @ 40°C	80	150	500	2500
API Gravity	33.8	31.5	29.3	26.5
Specific Gravity 60°C/60°F	0.856	0.868	0.886	0.896
Color, ASTM D1500	1.5	1.5	2	7
Flash Point (°C) COC	200	205	270	310
Aniline Point (°C)	100	105	115	127
Refractive Index (20°C)	1.4705	1.477	1.483	1.493
Volatility, 22 Hrs @ 107°C	0.8	0.6	0.2	0.01

6/8/98 Revised 2/18/13

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