



Product Literature

ISO 9001:2008 REGISTERED

STAN-LUBE PARAFFINIC PROCESS OILS

Stan-Lube 10 and 60 Paraffinic process oils 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>Stan-Lube 10</u>	<u>Stan-Lube 60</u>	<u>Stan-Lube 80</u>
Viscosity, @ 40°C (104°F), cSt	20.8	110	
Viscosity, @ 210°F (98°C), SUS			150
Color (ASTM D1500)	0.5	0.5	<4.5
API Gravity @ 60°F	34	30.2	25
Viscosity Index	104	99	95
Specific Gravity 60/60°F	0.8550	0.8751	0.9000
Pour Point, °C	-15	-13	-8
Flash Point (°C), COC	207	269	
Flash Point (°F), COC			586

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HARWICK STANDARD DISTRIBUTION CORPORATION
60 S. SEIBERLING ST. • P.O. BOX 9360 • AKRON, OH 44305-0360 • U.S.A.
PHONE: (330) 798-9300 • FAX: (330) 798-0214
WWW.HARWICKSTANDARD.COM