



# Product Literature

**ISO 9001:2008 REGISTERED**

## STAN-PLAS NAPHTHENIC PROCESS OILS

Stan-Plas Naphthenic Process Oils are light-colored, low pour point naphthenic oils. These process oils are produced from carefully selected naphthenic stocks and have good color stability. They are compatible with both natural and synthetic elastomers, in which they function as plasticizers and extenders. They can be used to extend SBR, EPDM, and Polybutadiene. The lower viscosity grades are also useful for extending Polychloroprene compounds.

Stan-Plas Naphthenic Process Oils are refined using a severe hydrotreating process. Therefore, these products do not require carcinogenic hazard warning statements on the container labels.

Typical properties of the more popular grades of Stan-Plas Naphthenic Process Oils are listed below.

### TYPICAL PROPERTIES OF STAN-PLAS NAPHTHENIC PROCESS OILS

<u>Properties</u>	<u>100/105</u>	<u>101C<sup>1</sup></u>	<u>150</u>	<u>300</u>	<u>500</u>	<u>1200</u>	<u>2000</u>
Viscosity @ 100°F (40°C), SUS	105	105	155	300	520	1200	2000
API Gravity @ 60°F	25.5	25.5	24.5	23.2	22.6	21.3	21.5
Specific Gravity 60/60°F	0.907	0.907	0.913	0.919	0.925	0.934	0.928
Color, ASTM D1500	1.5	1.5	2	2	2	2	3.5
Flash Point (°F), COC	305	305	335	380	390	450	480
Pour Point (°F)	-60	-60	-50	-30	-4	15	50
Aniline Point (°F)	170	170	170	170	184	195	205
Refractive Index @ 20°C	1.4948	1.4948	1.4975	1.5012	1.5031	1.5071	1.5068
Volatility, 22 Hrs @ 225°F	10	10	6	1.8	1	0.2	0.08

IP346 tested annually <3.0% (all products)  
<sup>1</sup>Stan Plas 101 C meets 21 CFR 178.3620 (c)

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