



## 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>1200</u>	<u>2000</u>
Viscosity @ 100°F (40°C), SUS	105	105	155	300	1200	2000
API Gravity @ 60°F	25.5	25.5	24.5	23.2	21.3	21.5
Specific Gravity 60/60°F	0.907	0.907	0.913	0.919	0.934	0.928
Color, ASTM D1500	1.5	1.5	2	2	2	3.5
Flash Point (°F), COC	305	305	335	380	450	480
Pour Point (°F)	-45	-42	-36	-24	-7	10
Aniline Point (°F)	170	170	170	170	195	205
Refractive Index @ 20°C	1.4948	1.4948	1.4975	1.5012	1.5071	1.5068
Volatility, 22 Hrs @ 225°F	10	10	6	1.8	0.2	0.08

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

9/12/03 – Revised 4/28/16

HARWICK STANDARD MAKES NO WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE GOODS OR USES OF THE GOODS OR PERFORMANCE OF THE GOODS AND MAKES NO WARRANTIES OF THE FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY. BUYER ACKNOWLEDGES THAT HARWICK STANDARD WILL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, DIRECT OR SPECIAL DAMAGES ARISING, DIRECTLY OR INDIRECTLY, IN RESPECT TO SUCH GOODS OR THE USE OR FAILURE THEREOF, WHETHER BASED ON BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE.

#### 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