



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>101C¹</u>	<u>150</u>	<u>300</u>	<u>500</u>	<u>1200</u>	<u>2000</u>
Viscosity @ SUS 40°C	105	105	155	300	520	1200	2000
API Gravity	25.5	25.5	24.5	23.2	22.6	21.3	21.5
Specific Gravity (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 (°C)	151	151	170	195	200	230	250
Pour Point (°C)	-50	-50	-45	-35	-20	-10	10
Aniline Point (°C)	75	75	75	75	85	90	95
Refractive Index (20°C)	1.4948	1.4948	1.4975	1.5012	1.5031	1.5071	1.5068
Volatility, 22 Hrs @107°C	10	10	6	1.8	1	0.2	0.08

¹Stan Plas 101 C meets 21 CFR 178.3620 (c)

9/12/03 – Revised 2/18/13

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