

HOUGHTON CHEMICAL CORPORATION

52 Cambridge Street • Allston (Boston) • MA 02134

Phone: (800) 777-2466 • Fax: (617) 254-2713

www.houghton.com



WINTREX® N Product Data Sheet

Inhibited Ethylene Glycol Based Heat Transfer Fluid

WINTREX® N heat transfer fluid is an inhibited ethylene glycol designed for use in large standing engines where corrosion protection is required. The effectiveness of WINTREX® N heat transfer fluid in preventing corrosion has been proven both in use and in laboratory testing.

WINTREX® N includes a fluorescent yellow dye for leak detection.

WINTREX® N should not be used with galvanized steel.

For health and safety information for this product, contact Houghton for a Material Safety Data Sheet (MSDS).

WINTREX® N							
Typical Properties by Concentration							
Properties ¹	Conc.	60%	50%	40%	35%	30%	25%
Ethylene Glycol	95%	60%	50%	40%	35%	30%	25%
Performance Additives and Water	5%	40%	50%	60%	65%	70%	75%
Appearance	Liquid, Clear, Fluorescent Yellow	Liquid, Clear, Fluorescent Yellow	Liquid, Clear, Fluorescent Yellow	Liquid, Clear, Fluorescent Yellow	Liquid, Clear, Fluorescent Yellow	Liquid, Clear, Fluorescent Yellow	Liquid, Clear, Fluorescent Yellow
Specific Gravity (15/15°C 60/60°F)	1.120 - 1.135	1.085 - 1.100	1.066 - 1.092	1.055 - 1.070	1.050 - 1.065	1.045 - 1.057	1.035 - 1.050
pH 50% glycol	9.0 - 10.5	9.0 - 10.5	9.0 - 10.5	9.0 - 10.5	9.0 - 10.5	9.0 - 10.5	9.0 - 10.5
Reserve Alkalinity (min)	12	6	5	4	4	3	3
Freeze Point Max	-34°F / -37°C (as 50%)	-63°F / -53°C	-34°F / -37°C	-10°F / -23°C	-4°F / -18°C	+4°F / -15°C	+10°F / -12°C

¹Concentrate based on volume of Ethylene Glycol, mixtures based on volume of WINTREX® N

Typical properties, not to be construed as specifications. As use conditions are not within its control, Houghton does not guarantee results from use of the information or products herein; and gives no warranty, express or implied.

NOTE: These figures are examples only and may not be appropriate to your situation. Generally, for an extended margin of protection, you should select a temperature in this table that is at least 3°C (5°F) lower than the expected lowest ambient temperature. Houghton Chemical Corporation recommends a minimum glycol concentration of 25%. At lesser concentrations the likelihood of bacteria growth increases. Also, at less than 25% concentrations there may not be enough inhibitor present to prevent corrosion of the system metals. Additional inhibitors can be purchased from Houghton Chemical Corporation.

NOTICE: No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

Date Revised: 06 July 2017

W:\Administration\MSDS, Test Reports, Product Data Sheets\Product Data Sheets\Hydronics\WINTREX-N-Data-Sheet.docx