

PETRONAS DANOL S350

High Performance Synthetic Heat Transfer Fluid

DANOL S350 is an alkyl aromatic liquid phase heat transfer fluid engineered to provide you with exceptional performance over an extended temperature range of -37°C to 350°C.

Engineered to give you a competitive edge

DANOL S350 is engineered as a low vapor pressure heat transfer fluid, even at its maximum bulk operating temperature at 350°C. This special property allows a 12°C extension of the operating temperature range as compared to competitive products operating to 350°C. In addition, low vapor pressure helps to reduce leakage and eliminates the need for high pressure design and system component parameters associated with pressurized heat transfer systems.

DANOL S350 also offers superior thermal stability.

The DANOL S350 savings advantage

DANOL S350 is engineered to be fully compatible with similarly constituted products. Therefore, using **DANOL S350** in system filled with similar base heat transfer fluid will enhance the performance of existing fluid.

- You can add **DANOL S350** to your existing system for make-up;
- You can use **DANOL S350** as a cost-effective replacement fluid for system change-outs; and
- Filling new system with **DANOL S350** – for even greater savings.

Heat tracing can be a thing of the past

DANOL S350 pumpability of -37°C, also allows excellent low temperature system start-up capabilities. This eliminates the need for heat tracing in all weather conditions.

Customer Advice

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.

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Typical Properties

Key Operating Temperatures		
Maximum Bulk Fluid Operating temperature	660°F	350°C
Maximum Film Temperature	710°F	377°C
Pumpability (2000cP)	-35°F	-37°C
Pour Point	-50°F	-46°C
Flash Point (Minimum)	417°F	214°C
Fire Point (Minimum)	425°F	218°C
Autoignition Temperature (minimum)	842°F	450°C
Initial Boiling Point	734°F	390°C
Density, pounds per gallon @ 25°C (77°F)	8.63	
Specific Gravity, @ 25°C (77°F)	1.035	
Average Molecular Weight	275	

Physical Properties

Composition	<i>Synthetic Hydrocarbon</i>
Odor	<i>Mild</i>
Appearance	<i>Clear liquid</i>

Packaging

- 208 liters drums.

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