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## HEAT TRANSFER FLUID # 235

Heat Transfer Fluid #235 is a premium quality synthetic heat transfer fluid specially designed for sustained high temperature use in closed circulating systems equipped with expansion tanks. It offers exceptional resistance to oxidation at high temperatures keeping sludging, varnishing, and carbon deposits to an absolute minimum. It has an operating temperature range in excess of 600° F in closed systems and offers high thermal efficiency, extremely high flash and fire points, low viscosity for easy economical circulation, and extremely low volatility to reduce losses. Its unique synthetic hydrocarbon structure offers a high degree of resistance to breakdowns, during high temperature service, which far exceeds that of conventional heat transfer oils and other synthetics.

This high quality product not only offers exceptional heat transfer properties and long term anti-fouling and high temperature stability but does so without the inherent environmental and human health exposure problems of many of the competitive heat transfer fluids. It is especially suited to high temperature heat transfer applications in systems for resins, plastics, asphalts, waxes, varnishes, and many other applications.

HIGH HEAT CAPACITY - Maximum efficiency  
HIGH THERMAL STABILITY - Greatly extended service life  
SUPERIOR OXIDATION RESISTANCE - Reduces buildups  
EXTREMELY HIGH FLASH POINT - Increased safety  
LOW VISCOSITY - Easy pumping  
LOW VOLATILITY - Reduced losses

### TYPICAL PROPERTIES

|                           |         |
|---------------------------|---------|
| Viscosity, SUS @ 100° F.  | 240     |
| Viscosity, SUS @ 210° F.  | 54      |
| Viscosity, cS @ 100° F.   | 52.5    |
| Viscosity, cS @ 210° F.   | 8.5     |
| API Gravity @ 60° F.      | 39      |
| Specific Gravity @ 60° F. | 0.83    |
| Flash Point, ° F.         | 500+    |
| Fire Point, ° F.          | 545     |
| Pour Point, ° F., max.    | -50     |
| Heat capacity @           | 500° F. |
| BTU/#/F                   | 0.7     |