



SONIC® HEAT TRANSFER FLUIDS

ISO 32, 36, 68, 80 (Special Blend)

PRODUCT DESCRIPTION

SONIC® HEAT TRANSFER FLUID is a high-quality line of mineral heat transfer oils designed for use in closed, liquid phase heat-transfer systems, requiring a non-corrosive fluid with high thermal efficiency. SONIC® Heat Transfer Fluids provide exceptional thermal efficiency and resist thickening because of oxidation that aid in allowing the system to maintain exceptional fluid heating and circulation.

PERFORMANCE FEATURES

- Consistent high heat transfer performance over a wide range of temperatures
- Superb thermal stability provides a long service life and minimal fluid make up
- Excellent oxidation stability provides protection against oxidation degradation caused by operating the system for extended periods at high temperatures

APPLICATIONS

SONIC® HEAT TRANSFER FLUID is recommended for non-pressurized, closed, liquid phase heating systems operating at a maximum bulk-fluid temperature of 320°C. These systems are typically found in the construction, asphalt, plastics, timber and metal industries.

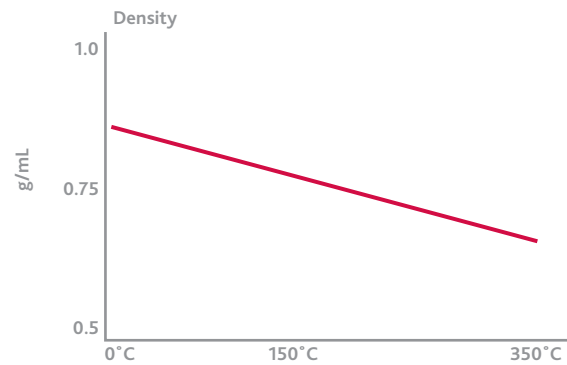
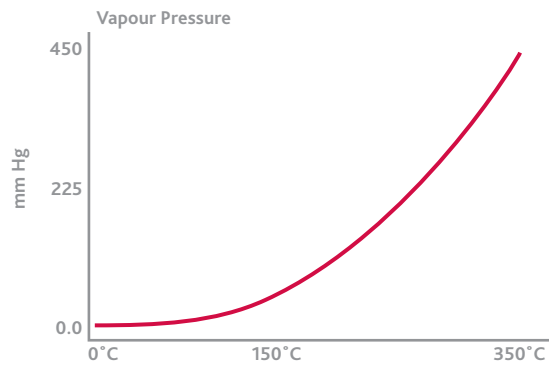
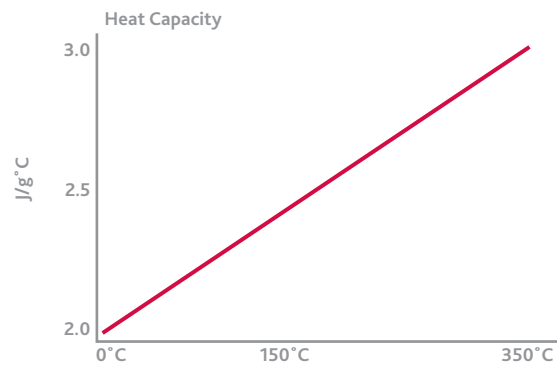
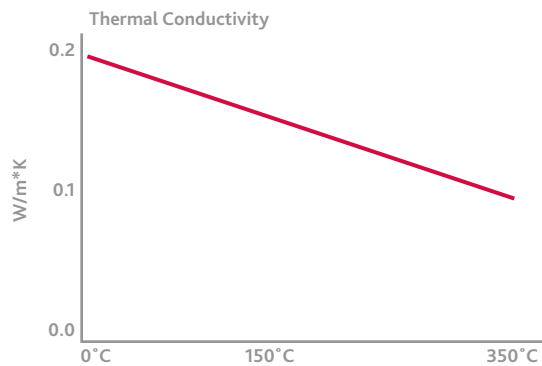
TECHNICAL PROPERTIES

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

PROPERTIES	TEST METHODS	ISO VISCOSITY GRADE			
		32	36	68	80 (Special Blend)
Kinematic Viscosity cSt @ 40°C	ASTM D445	32.0	36.0	63.5	81.3
Kinematic Viscosity cSt @ 100°C	ASTM D445	5.4	6.2	8.5	10.6
Viscosity Index	ASTM D2270	115	115	103	114
Pour Point, °C	ASTM D97	-36°	-42°	-30°	-30°

ISO VG 36				
TEMPERATURE (°C/°F)	THERMAL CONDUCTIVITY W/m*K	HEAT CAPACITY J/(g°C)	VAPOUR PRESSURE mm Hg	DENSITY d/mL
0/32	0.198	1.833	0.1	0.8634
20/68	0.192	1.901	7.2	0.8514
40/104	0.186	1.969	1.6	0.8394
100/212	0.168	2.173	9.9	0.8034
150/302	0.153	2.343	45.5	0.7734
200/392	0.138	2.513	107.0	0.7434
250/482	0.123	2.683	194.5	0.7134
300/572	0.108	2.853	308.1	0.6834
350/662	0.093	3.023	447.6	0.6534

ISO VG 36



PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail co-op for further details.

PRODUCT SIZES	ISO VISCOSITY GRADE			
	32	36	68	80 (Special Blend)
1 L Bottle				
5 L Bottle				
10 L Bottle				
20 L Pail				
110 L Drum				
205 L Drum		✓	✓	
1000 L Tote	✓	✓		
Bulk	✓	✓	✓	✓

MATERIAL SAFETY DATA SHEETS

Product-specific material safety data sheets (MSDS) can be obtained by contacting your local retail co-op or Federated Co-operatives Limited (see contact information below) or by going online at coopconnection.ca

RECYCLING OF USED LUBRICANTS AND CONTAINERS

Please protect the environment when disposing of petroleum products. All products should be taken to an authorized collection facility or picked up by a qualified organization. This ensures the products will be disposed of in an environmentally sensitive manner. For additional information on used-oil recycling programs, please see the following:

- Saskatchewan – www.usedoilrecyclingsk.com
- Alberta – www.usedoilrecyclingab.com
- British Columbia – www.bcusedoil.com
- Manitoba – www.usedoilrecycling.com/en/mb

CONTACT INFO

For more information on this or any other CO-OP[®] lubricant product, please contact your local retail co-operative or Federated Co-operatives Limited.

petroadmin@fcl.crs • www.fuel.crs • www.agro.crs

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