

HEATRANS 32

High Performance
Heat Transfer Fluid

MaxPro1 Heatrans 32 is premium quality heat transfer oil intended for use in closed indirect heating systems. It is formulated from highly refined base stocks, fortified with selected additives that provide enhanced oxidation resistance for long service life, and detergency to help keep the system clean for maximum heat transfer efficiency.

MaxPro1 Heatrans 32 has excellent thermal stability and provides excellent resistance to cracking and sludge formation for long service life. It possesses high specific heat and thermal conductivity to provide more rapid heat dissipation and its ability to flow rapidly at low temperatures ensures quick circulation at start-up and reduced risk of local over-heating.

APPLICATIONS

MaxPro1 Heatrans 32 is ideal for a wide range of closed to atmosphere (inertly sealed) applications including paint, rubber, paper mill calendars, board plants, roofing, textiles, laundry, refineries and asphalt production.

- Closed, indirect heating and cooling systems equipped with expansion tanks in all kinds of industrial processes operating at bulk oil temperatures up to 315°C
- Open heating systems provided that the bulk oil temperature does not exceed 180°C

FEATURES AND BENEFITS

- Excellent thermal and oxidation stability minimize deposit formation and viscosity increase leading to extended service life and reduced downtime.
- Exceptional resistance to thermal cracking and decomposition enables this oil to perform well up to a maximum bulk oil temperature of 315°C with minimal interference with heat transfer capability.
- High specific heat and thermal conductivity of this oil provides more rapid heat dissipation.
- Superior low temperature fluidity ensures quick circulation at start-up and reduced risk of local over-heating.



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ADVICE

The service life of **MaxPro1 Heatrans 32** depends on the design and operation of the system. If the system is well designed and not subjected to abnormal workloads, the life can be many years.

It is important to monitor oil condition regularly as rates of change in physical characteristics are more significant than actual values. The properties that should be monitored are viscosity, acidity, flash point (open and closed) and insoluble content.

All air must be completely vented from the system before full temperature is imposed.



TYPICAL PHYSICAL CHARACTERISTICS

Test Parameters	ASTM Method	Results
Product Code		6140
Density @ 15°C	D4052	0.8478
Viscosity @ 40 °C, cSt	D 445	35.23
Viscosity @ 100 °C, cSt	D 445	6.26
Viscosity Index	D 2270	128
Flash Point, °C	D 92	230
Fire Point, °C	D 92	255
Pour Point, °C	D 97	-24
Copper Corrosion	D 130	1b

The information provided is to our best knowledge, true & accurate, subjected to change without notification due to continual product research and development.

Available Size & Part Number

Product	18L	200L
HEATRANS 32	6140-18	6140-200



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