

Paratherm[®] SC[®] System Cleaner Liquid

New Cleaning Liquid For Hot Oil Temperature Control Units ENGINEERING BULLETIN SC 604

- Dissolves Carbon Lumps And Keeps Them in Suspension
- Works Cold/Warm
- Compatible With Any Mineral Oil-Based Fluid
- Re-Use of Fluid is Recommended

The new Paratherm SC[®] system cleaner liquid is expressly formulated to dissolve and suspend the sludge and carbon lumps frequently produced in hot oil temperature control units where petroleum or glycol-based heat transfer fluids have been used. The SC liquid is a multi-component synergistic fluid that is compatible with any mineral oil-based thermal fluid, and many of the synthetic fluids as well.

The SC fluid can be reused after solid matter drops to the bottom of the container or is filtered out. And when it is finally spent, the liquid can be combined with other common parts-washing liquids and disposed of conventionally.

Instructions For Use

NOTE: Cleaning and maintaining your hot oil temperature control system will be a lot easier if you replace the drain plug with a valve mounted externally.

1. Drain existing fluid while warm if possible.

Typical Physical Characteristics

Base Stock	Hydrocarbon
Appearance	Clear, Pale Yellow
Flash Point	>145°F (63°C)
Vapor Pressure	<2 mmHg@20°C

2. Replace drain plug with ball or globe valve.
3. Fill system with SC liquid so that reservoir tank has approximately 1" to 2" of liquid in bottom, or enough to start pump.
4. Circulate cold for 3 to 4 hours. If reservoir needs to be cleaned, run discharge hose into tank through vent or open vent valve to agitate fluid in tank.
9. Refill system with Paratherm fluid or any compatible mineral oil-based product. Set temperature at 150°F and circulate for 1-2 hours. Shut down and drain immediately.
10. Refill system with Paratherm heat transfer fluid and put unit back into service.

NOTE: Do not circulate through expansion tank while system is hot.

5. Let system soak overnight.
6. Start system up and circulate from 1 to 4 hours. Fluid works faster when warm. Heat to maximum of 150°F (66°C) if possible.
7. Turn off heat and allow fluid to cool with pump running.
8. When liquid temperature reaches ambient, begin to drain fluid while pump is operating. Shut off pump when pressure begins to fluctuate. Continue draining system.

Packaging

The SC liquid is available in 5-gallon pails and 55-gallon drums. Shipment is via UPS and motor freight, and is same-day if we have your purchase order by 10:00 AM.



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