



Paratherm[®] - SC[™] System Cleaner Liquid

New Cleaning Liquid For Hot Oil Temperature Control Units ENGINEERING BULLETIN SC 402

- Dissolves Carbon Lumps And Keeps Them in Suspension
- Works Warm (max 150° F) or Cold
- Compatible With Any Mineral Oil-Based Fluid
- Re-Use of Fluid is Recommended

Paratherm SC[™] Fluid

The new Paratherm SC[™] system cleaning fluid 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 fluid is a multi-component synergistic liquid that is compatible with any mineral oil-based thermal fluid, and many of the synthetic fluids as well. Used warm (150° F max) or cold, it provides excellent sludge-removal properties across the temperature range.

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 fluid 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.

Typical Physical Characteristics

Base Stock	Hydrocarbon
Appearance	Clear, Pale Yellow
Use Temperature	Ambient to 150°F (66°C)
Flash Point	>145°F (63°C)
Vapor Pressure	<2 mmHg@20°C
Atmospheric Boiling Point	300°F (149°C)
Specific Gravity	<1

1. Drain existing fluid while warm if possible.
2. Replace drain plug with ball or globe valve.
3. Bottom-fill system with fluid so that reservoir tank has approximately 1" to 2" of fluid 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.
5. Let system soak overnight.
6. Start system up and circulate from 1 to 4 hours. Fluid works faster when warm. Heat to max of 150° F if possible.
7. If required, turn off heat and allow fluid to cool with pump running.
8. When fluid temperature reaches ambient (80° F), begin to drain fluid while pump is operating. Shut off pump when pressure begins to fluctuate. Continue draining system.
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.

Packaging

The SC fluid 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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