Application: HYDRAULIC FLUID

The customer required a tube-in-tube heat exchanger to chill or heat hydraulic fluid to either -30°C or +60°C using a heat exchanger and fluid (kryo 60) from a bath chiller/heater. The exit temperature for hydraulic fluid needs to be -30°C for the cold temp case and +60°C for the hot temp case. The kryo 60 temps are flexible. The target is 5kW of heating/chilling capacity for the heat exchanger.

Solution
• Tube-in-Tube Heat Exchanger
• Model #01194-01
• All Components 316L Stainless Steel

Features & Benefits
• Heat Transfer Area 3.7 ft²
• Inner Tube: 3/4” Tube Stub
• Outer Tube: 1” NPT Female
• Surface Finish: 20 µin (0.5 µm) Rₐ Max

How to contact Exergy
Please call 1-516-832-9300
or visit www.exergyllc.com
to locate your local rep.