Application: FUEL OXIDIZER IN A ROCKET ENGINE

The customer is a rocket testing facility. The application is for a fuel oxidizer and is designed to bring propellant up to temperature. They heat 5gpm MMH and NTO. Heat is from 10°F (worst case) to 140°F and cool from 150°F (worst case) to 20°F using Ethylene Glycol/ Water. The batch process is a 50 gallon drum that reaches equilibrium in 2 hours. It operates at 400 psi but customer requires design pressure of 2200 psi.

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

Features & Benefits
• Heat Transfer Area 3.7 ft²
• Surface Finish: 20 µin (0.5 µm) R_a Max
• Inner Tube Stubs
• Outer NPT fittings

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