

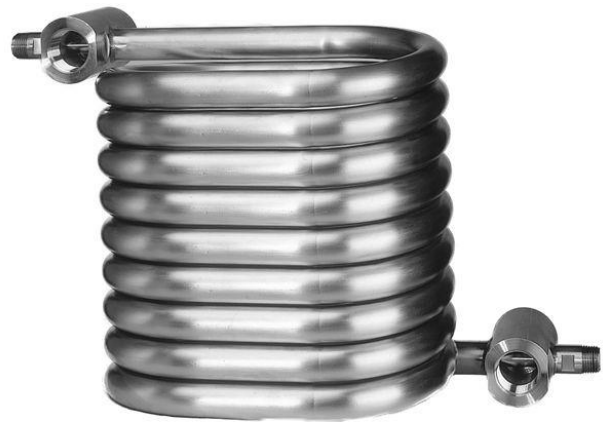
D #1044 Fuel Oxidizer

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 μ in (0.5 μ m) 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.