

Table 1: Environmental pressure conditioning test results.

Media	Media Specification	Time (hr)	Temperature (°F)	Results
Water	N/A	336	212	No leakage noted.
Oil	MIL-H-17672	336	210	No leakage noted.
Hydrocarbon Fluid	TT-S-735	336	73.4	No leakage noted.
Carbon Removal	P-C-111	0.5	73.4	No leakage noted.
Lubricating Oil	MIL-L-7808	48	255	No leakage noted.
Turbine Fuel	MIL-T-5624	48	73.4	No leakage noted.
Ethylene Glycol	MIL-E-9500	336	300	No leakage noted.
Hydraulic Fluid	MIL-F-17111	336	210	No leakage noted.
Fuel	ASTM D910	48	73.4	No leakage noted.
Diester Grease	MIL-G-23827	48	73.4	No leakage noted.
18% Sulfuric Acid	O-S-809	2	73.4	No leakage noted.
Stoddard Solvent	P-D-680	48	73.4	No leakage noted.
Ethyl Alcohol	MIL-E-463	48	73.4	No leakage noted.
Thermal Resistance	N/A	336	300	No leakage noted.

No anomalies occurred during conditioning and no leakage was observed in any of the samples with the exception of the thermal resistance testing at 500°F.