

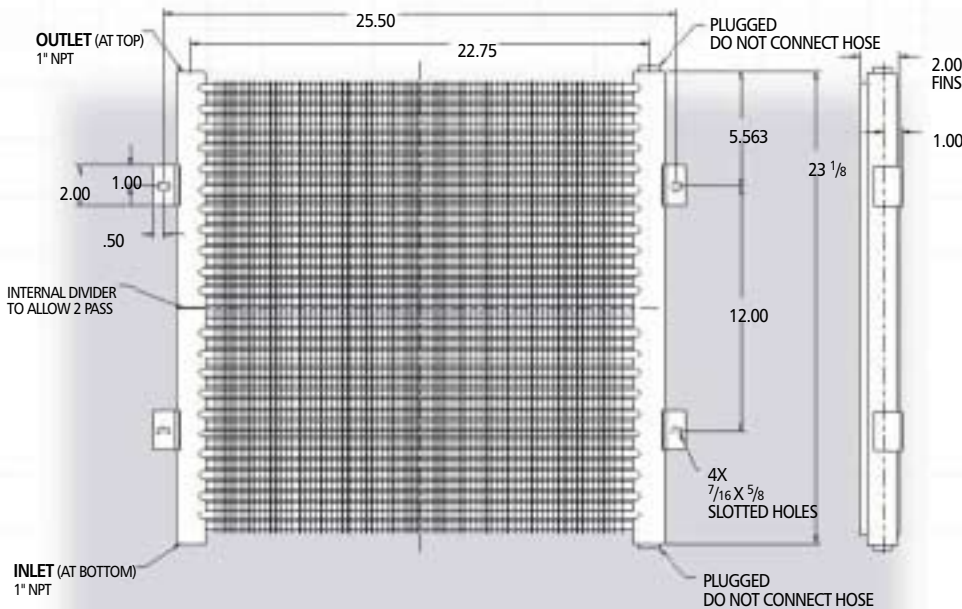
HPTO

System Components

Product Specification Sheet

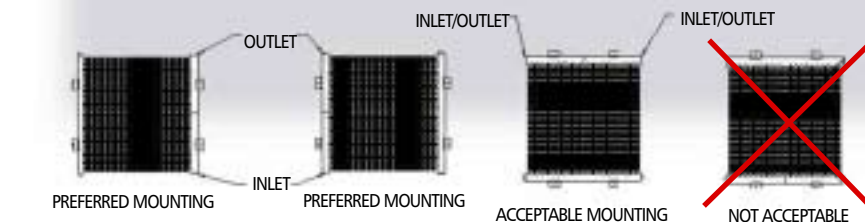
Cooler

PT Tech p/n: CHYFC-005
Manufacturer: Blissfield
Manufacturer p/n: 82010
Construction: 2 pass, 2 row, 2" thick



See our system parameters below to assist you in selecting the proper cooler.

- **Heat transferred:**
9HP or 22,900 BTU/hr or 381 BTU/min.
- **Viscosity of Mobilfluid 424:**
36.5 cST or 171 SSU @ 140 degrees F.
19 cST or 94 SSU @ 160 degrees F.
- **Specific Gravity of Mobilfluid 424:** 0.88
- **Inlet air temperature:**
110 degrees F (worst ambient or engine radiant heat blowing across cooler)
- **Air Flow:** 1500 FPM
- **Altitude:** 500 ft
- **Oil flow thru cooler:**
7.5 GPM @ 160 degrees F @ 2250 RPM.
- **Oil temperature entering cooler:**
160 degrees F @ 110 degrees F ambient.
- **Oil temperature exiting cooler:**
less than 140 degrees F @ 110 degrees F ambient.
- **Pressure drop:** less than 50 psi.
- **Max working pressure:** 500 psi
- **Burst Pressure:** 1500 psi
- **Need cooler with fin spacing of about 7-8 fins/linear inch due to wood/dust environment.**



NOTE: This cooler does not contain a cold weather bypass feature. If ambient air temperature is below 15°F for extended periods of time, a cold weather bypass may be required to prevent exceeding the cooler's pressure rating.