

Coolant Evaluation Report 2

Lab Report Number	230149	
Product	5080	
Date Received	4/24/2023	
Date Completed	4/26/2023	
Regional Manager	George Burrell	
Account Name	P & F Machining	
Account Contact	Jordan Davis	
Distributor Name	Productivity, Inc	
Distributor Contact	Craig Wilcox	

Background: This is a check on coolant condition.

Coolant Evaluation Tests	Sample Results	Operating Parameters General
Refractometer - Shaken	Clear – 4.0	Clear @ 2.5 to 10.0
Refractometer - Decanted	Clear – 4.0	Clear @ 2.5 to 10.0
Appearance	Typical	Typical
Color	Typical	Typical
Odor	Typical	Typical
Foam	Typical	Typical
pH	8.8	7.8 to 9.8
Tramp Oil	0.0%	0.0% to 2.0%
Cream Layer	0.5%	0.0% to 4.0%
Solids	0.00%	0.00% to 0.05%
Actual Coolant Concentration	8.0%	5.0% to 20.0%
Total Dissolved Solids (milligrams per liter)	1,930 mg/L	800 to 5300 mg/L
Conductivity (microseimens)	2,900 μ S	1200 to 8000 μ S
Hardness (parts per million)	40 ppm	0 to 1500 ppm
Bacteria Aerobic	0	0 to 10 ³
Fungus	0	0
Chlorides (ppm)	21ppm	<140