

Coolant Evaluation Report 1

Lab Report Number	230088	
Product	5080	
Date Received	3/13/2023	
Date Completed	3/15/2023	
Regional Manager	George Burrell	
Account Name	P and 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 – 3.5	Clear @ 2.5 to 10.0
Refractometer - Decanted	Clear – 3.5	Clear @ 2.5 to 10.0
Appearance	Atypical	Typical
Color	Atypical	Typical
Odor	Atypical	Typical
Foam	Typical	Typical
pH	8.3	7.8 to 9.8
Tramp Oil	0.5%	0.0% to 2.0%
Cream Layer	30.0%	0.0% to 4.0%
Solids	0.40%	0.00% to 0.05%
Actual Coolant Concentration	7.0%	5.0% to 20.0%
Total Dissolved Solids (milligrams per liter)	2,020 mg/L	800 to 5300 mg/L
Conductivity (microseimens)	3,030 μ S	1200 to 8000 μ S
Hardness (parts per million)	400 ppm	0 to 1500 ppm
Bacteria Aerobic	10 ⁴	0 to 10 ³
Fungus	10 ³	0
Chlorides (ppm)	38ppm	<140