



# Southwest Spectro-Chem Labs

## COOLANT ANALYSIS

Cooling system troubles have the potential to reduce the life of equipment as well as it's components. Our coolant analysis can assist in your decision making, whether it's continued use of the coolant or drain , flush and refill.



### BENEFITS/FEATURES

- Can identify issues before it damages other systems or components
- Checks for additive depletion (compromises metal protection)
- Checks for contaminants that can cause acid or scale formation
- Checks for proper water/glycol ratio
- Report can either be emailed and/or uploaded to LubeAccess
- Basic Package includes metals, glycol %, freeze point, pH & conductivity, color & appearance.
- Reserve Alkalinity, TTA and Ion Chromatography can be added, if required.

\* 4 oz of sample is all that is needed for routine analysis.

\* Turnaround time is 3-4 business days after receipt.



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#### COOLANT ANALYSIS REPORT

SAMPLE INFORMATION			
CUSTOMER#:	123456	LAB SAMPLE:	Z0001
CUSTOMER:	SWSC LABS	COOLANT:	EMERALD HTFFP200
LOCATION:	SOUTH HOUSTON, TX	HRS ON OIL:	N/A
UNIT:	SP-28132	SERIAL NO.:	
DESCRIPTION:	PG TANK	SAMPLE DATE:	05/11/18
EQUIP NO:	0001	REPORT DATE:	05/17/18

#### PHYSICAL PROPERTIES

pH	8.72
Reserve Alkalinity	34.1mL
Coolant Content	27.9%
Water Content	72.1%
Color	CLEAR
Appearance	CLEAR
Freezing Point	11°F
Conduct (umhos/cm)	2507
Solids	
Density	

#### RECOMMENDED LEVELS

8.8 - 9.9
5 - 10
N/A
N/A
N/A
Clear
N/A
< 5000 umhos/cm

#### ADDITIVES

Boron (ppm)	0
Phosphorous (ppm)	1103
Nitrite (ppm)	10
TTA/MBT (ppm as TTA)	0
Silicon (ppm)	2
Potassium (ppm)	2369
Molybdenum (ppm)	0

See  
Manufacturer's  
Recommended  
Levels

#### CORROSION METALS

Iron (ppm)	0
Copper (ppm)	0
Aluminum (ppm)	0
Zinc (ppm)	0

< 5  
< 5  
< 5  
2 - 10

#### CONTAMINANTS

Calcium (ppm)	1
Magnesium (ppm)	0
Chloride (ppm)	8
Sulfate (ppm)	27

< 10  
< 10  
< 15  
See Mfr's Rec. Level

#### COMMENTS

Southwest Spectro-Chem Labs and its affiliates make no warranty for proper operation of any equipment associated with this report.

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