

Control #	345120120131	322220110414	309920101028	311120100413	309220091012
Date Taken	01/15/2012	04/10/2011	10/15/2010	04/08/2010	10/05/2009
Service Meter Reading	432	390	350	314	233
Fluid Run Time	200	160	120	81	37
Fluid Added Gal / Qts	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Fluid Status	Sampled	Sampled	Sampled	Sampled	Sampled
Filter Changed	Unknown	Unknown	Unknown	Unknown	Unknown
Chrome (CR)	0	0	0	0	0
Copper (CU)	0	0	0	0	0
Iron (FE)	28	0	0	0	0
Lead (PB)	0	0	0	0	1
Tin (SN)	0	0	0	0	0
Aluminum (AL)	4	0	0	0	0
Silicon (SI)	75	43	75	63	59
Antimony (SB)	0	0	0	0	2
Barium (BA)	0	0	0	0	0
Potassium (K)	0	0	0	0	0
Boron (B)	91	81	93	93	127
Cadmium (CD)	0	0	0	0	0
Calcium (CA)	23	46	5	5	6
Magnesium (MG)	0	0	0	0	0
Moly (MO)	59	52	59	55	103
Nickel (NI)	0	0	0	0	0
Manganese (MN)	0	0	0	0	0
Phosphorus (P)	1080	965	1241	1191	127
Silver (AG)	0	0	0	0	0
Sodium (NA)	1660	1571	1867	1827	1938
Titanium (TI)	0	0	0	0	0
Vanadium (V)	0	0	0	0	0
Zinc (ZN)	1	2	1	1	1
Freeze Point °F	-38.0	-34.0	-34.0	-34.0	-34.0
Ph	7.8	10.1	10.3	10.0	10.3
Nitrites	800	1200	1600	1600	1600
% Glycol	51	50	50	50	54
Conductivity	3570	3430	3550	3500	3752
Foam	None	None	None	None	None
Coolant Color	GREEN	GREEN	GREEN	GREEN	GREEN



COMPLETE FLUIDS ANALYSIS

Critical

1 of 1

04/02/2012

Make / Model

CUMMINS QSK60-G5

Unit Serial

1701 5486552

Compartment

Coolant

Fluid Type

WO / Reference

WW TREATMENT PLANT

Current Interpretation

Iron corrosion is high. PH is low. Supplemental additive package is below specification. Nitrite level is too low for proper protection. Drain, clean, and refill. Resample in 3 months.

TITAN LABORATORIES TEST ACCOUNT
 Attn: Dawn J. Brown
 1380 Zuni St.
 Denver, CO 80204

Interpretation from sample # 322220110414 (Reportable)

Supplemental additive package is below specification. All other data is normal. Add 1/2 of normal SCA dosage. Resample in three months to monitor system.

Interpretation from sample # 309920101028 (Normal)

Antifreeze and system are in satisfactory condition. Resample in six months.

Interpretation from sample # 311120100413 (Normal)

Antifreeze and system are in satisfactory condition. Resample in six months.

Interpretation from sample # 309220091012 (Normal)

Antifreeze and system are in satisfactory condition. Resample in six months.