

Control # 028420100930 028320100930 028220100930 028120100930 028020100930

Date Taken	09/29/2010	09/15/2010	08/15/2010	07/15/2010	06/01/2010
Service Meter Reading	1800	1750	1500	1250	1000
Fluid Run Time	50	250	250	250	250
Fluid Added Gal / Qts	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
Fluid Status	Changed	Changed	Changed	Changed	Changed
Filter Changed	Yes	Yes	Yes	Yes	Yes
Anti-Freeze	Positive	Positive	Trace	Negative	Negative
Fuel	Negative	Negative	Negative	Negative	Negative
Water	Negative	Negative	Negative	Negative	Negative
Visc 100C	14.0	13.5	13.3	13.5	13.1
Soot	0	0	0	0	0
Iron (FE)	13	13	12	12	30
Chromium (CR)	2	2	1	0	2
Lead (PB)	22	18	14	8	4
Copper (CU)	500	305	205	51	25
Tin (SN)	0	2	0	0	1
Aluminum (AL)	1	0	1	1	0
Nickel (NI)	0	0	0	0	1
Silver (AG)	3	3	2	3	2
Silicon (SI)	14	8	11	18	9
Potassium (K)	450	215	150	150	0
Sodium (NA)	206	152	72	44	35
Boron (B)	2	2	0	0	3
Magnesium (MG)	302	305	300	225	30
Calcium (CA)	2602	2605	2201	2001	1500
Barium (BA)	0	0	0	0	0
Phosphorus (P)	1420	1285	1120	1170	1024
Zinc (ZN)	1324	1347	1340	1318	1164
Molybdenum (MO)	21	20	20	120	150
Titanium (TI)	0	0	0	0	0
Vanadium (V)	0	0	0	0	0
Fuel %	0	0	0	0	0



Lab One Inc.

Oil Analysis since 1985

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Critical

1 of 1

02/21/2014

Make / Model

Unit/Serial

EXAMPLE DIESEL/

Compartment

Diesel Engine

Fluid Type

15W40

WO / Reference

Current Interpretation

Anti Freeze Present In Oil.
 Check For Source Of Coolant
 Leak. Copper Level High Possibly
 From Lube Oil Cooler. Perform
 Appropriate Diagnostics.
 Recommend Pressure Check Cooling
 System. Resample.

0000000084

Lab One Web Test
 Attn: Jason Kronlund
 101 West Mohave Street
 Phoenix, AZ 85003

Interpretation from sample # 028320100930 (Critical)

Anti Freeze Present In Oil. Check For Source Of Coolant Leak. Copper Decreased But Still Appears High. Copper Level High Possibly From Lube Oil Cooler. Perform Appropriate Diagnostics. Resample.

Interpretation from sample # 028220100930 (Critical)

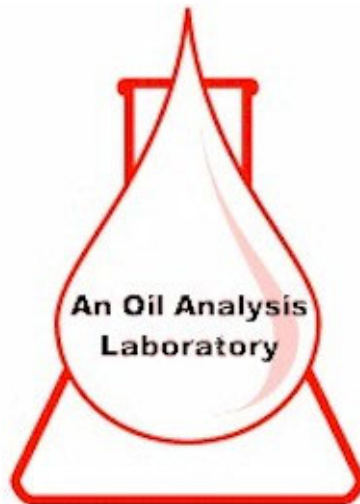
Anti Freeze Detected In Trace Amount. Check For Source Of Coolant Leak. Copper Decreased But Still Appears High. Copper Level High Possibly From Lube Oil Cooler. Recommend Pressure Check Cooling System. Resample.

Interpretation from sample # 028120100930 (Reportable)

Copper Decreased But Still Appears High. Coolant Additives Have Decreased. Test Results Indicate No Glycol Present At This Time. Contamination Possibly Residual If Maintenance Performed. Resample At 1/2 Normal Drain Interval.

Interpretation from sample # 028020100930 (Normal)

No Abnormal Wear Or Contaminants Detected.



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