



Quick Start Guide

Printing Reports

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Printing Reports

Account Information Customer ID#: 199306 Company Name: Acme Equipment Company Worksite: Worksite #1 10770 Vinecrest Houston, TX, 77086 Company Address:	Sample Information Lab No.: 201606170117 Sample Tracking #: P201510306975 Sample Date: Jun 17, 2016 Received Date: Jun 17, 2016 Completed Date: Jun 17, 2016	Other Sample Information PO No.: Work Order No.:
Unit Information Unit ID: 1300 Unit Mfg: Autocar Unit Model: ACX64 Unit Serial #: 5VCACLK4AH210833 Unit Worksite: ROXANNA LANDFILL	Component Information Cppt. Description: ENGINE Cppt. Mfg: Cummins Cppt. Model: ISM-350V Cppt. Serial #: Unknown Cppt. Type: ENGINE	Fluid Information Fluid Manufacturer: CASTROL Fluid Brand/Product: HYPURON ADV FORMULA Fluid Grade: 10W30

Maintenance Recommendations for Lab No.: 201606170117 **Evaluated By: Gibbons, Timothy**

Increased nitration can cause the formation of acid in the oil, along with possible increase in viscosity. Check for proper operating conditions.--RECOMMENDATIONS --Sample results indicate presence of contamination and/or wear. For a more in-depth review, refer to compartment history, trend graph or other Labcheck tools. A resample of the compartment will help confirm results. When C or D codes are present, the following is recommended, if not done at time of sampling. Change oil, and filters (if applicable), to remove contamination. If applicable, perform off-line filtration if available. Closely monitor unit and resample at one-half the normal service interval.

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

LAB NO.	SAMPLE DRAWN	Wear Metals									Contaminants					Additives						
		Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Silicon	Sodium	Potassium	Boron	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony	Vanadium
0117	06/13/16	25	<1	<1	2	3	4	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1204	01/07/16	41	2	<1	2	9	6	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
0838	11/06/15	28	1	<1	2	5	5	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
0152	09/08/15	58	3	<1	4	26	8	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1333	07/10/15	46	2	<1	3	9	6	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1499	05/04/15	32	1	<1	<1	4	4	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

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SAMPLE INFORMATION						
LAB NO.	SAMPLE DRAWN	UNIT TIME	FLUID TIME	UOM	FILTER CHG.	LUBE SERVICE
0117	06/13/16	40806	30841	HR	No	S
1204	01/07/16	13536	3571	HR	No	S
0838	11/06/15	13094	3129	HR	No	S
0152	09/08/15	12646	2681	HR	No	S
1333	07/10/15	12221	2256	HR	No	S
1499	05/04/15	11745	1780	HR	No	S

FLUID PROPERTIES/CONTAMINANTS			
Viscosity 100 °C	Visc Grade	Water	Acid
12.1	30	0.1	0.1
12.1	30	0.1	0.1
11.5	30	0.2	16
12.1	30	0.7	21
12.1	30	0.3	19
12.1	30	0.2	16

KEY: UoM - Unit of Measure Y - YES N - NO C - CHANGED >>

Testing performed by Bureau Veritas®, an ISO/IEC 17025:2005 accredited laboratory L-A-B Accredited
 Notice: This analysis is intended as an aid in predicting mechanical wear. Test results, maintenance expressed or implied, is made against failure of this piece of equipment or a component thereof. The

... and apply on to this sample as provided. No guarantee, ... equipment owner.

Printing Reports



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<input type="checkbox"/>	Severity	Condition	Unit ID	Unit Serial No.	Component	Make / Model	Serial
<input checked="" type="checkbox"/>	D	Coolant Additives	WP24	170178	ENGINE	Caterpillar / C15	170178
<input type="checkbox"/>	B	Oxidation	WP26	170180	ENGINE	Caterpillar / C15	MXS699
<input type="checkbox"/>	A	Acceptable	ED601		ENGINE	Caterpillar / D6NXL	AKM004
<input type="checkbox"/>	B	Low Viscosity	LI803		TRANS-AUTO	Caterpillar / IT28G	T8CR032
<input type="checkbox"/>	A	Acceptable	LB 104		ENGINE	Caterpillar / 420 DIT	
<input checked="" type="checkbox"/>	D	Viscosity/Wear	EX305	DKY00657	HYDRAULIC	Caterpillar / 330BL	
<input type="checkbox"/>	A	Acceptable	EX104	CJC02889	HYDRAULIC	Caterpillar / 315CL	
<input type="checkbox"/>	A	Acceptable	LI803		ENGINE	Caterpillar / IT28G	
<input type="checkbox"/>	A	Acceptable	EX201				
<input type="checkbox"/>	A	Acceptable	TT304				
<input type="checkbox"/>	A	Acceptable	EX201				
<input type="checkbox"/>	A	Acceptable	LB 104				

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Printing Reports

Account Information	Sample Information	Other Sample Information
Customer ID#: 199306	Lab No.: 201606170117	PO No.:
Company Name: Acme Equipment	Sample Tracking #: P201510306975	Work Order No.:
Company Worksite: Worksite #1	Sample Date: Jun 17, 2016	
Company Address: 10770 Vinecrest Houston, TX, 77086	Received Date: Jun 17, 2016	
	Completed Date: Jun 17, 2016	
Unit Information	Component Information	Fluid Information
Unit ID: 1300	Cpnt. Description: ENGINE	Fluid Manufacturer: CASTROL
Unit Mfg: Autocar	Cpnt. Mfg: Cummins	Fluid Brand/Product: HYPURON ADV FORMULA
Unit Model: ACX64	Cpnt. Model: ISM-350V	Fluid Grade: 10W30
Unit Serial #: 5VCACLKF4AH210833	Cpnt. Serial #: Unknown	
Unit Worksite: ROXANNA LANDFILL	Cpnt. Type: ENGINE	

Maintenance Recommendations for Lab No.: 201606170117

Increased nitration can cause the formation of acid in the oil, along with possible increase in viscosity. Check for proper operating conditions.--RECOMMENDATIONS --Sample results indicate presence of contamination and/or wear. For a more indepth review, refer to compartment history, trend graph or other Labcheck tools. A resample of the compartment will help confirm results. When C or D codes are present, the following is recommended, if not done at time of sampling. Change oil, and filters (if applicable), to remove contamination. If applicable, perform off-line filtration if available. Closely monitor unit and resample at one-half the normal service interval.

Evaluated By: Gibbons, Timothy

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0117	06/13/16	25	<1	<1	2	3	4	<1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1204	01/07/16	41	2	<1	2	9	6	<1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
0838	11/06/15	28	1	<1	2	5	5	1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
0152	09/08/15	58	3	<1	4	26	8	<1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1333	07/10/15	46	2	<1	3	9	6	1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1499	05/04/15	32	1	<1	<1	4	4	<1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	

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1333	07/10/15	12221	2256	HR	No	S
1499	05/04/15	11745	1780	HR	No	S

FLUID PROPERTIES/CONTAMINANTS

Viscosity 100 °C	Visc Grade	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
12.1	30																											
12.1	30	0.3	19	12 B	NEG	<0.1	<1.0	5.39																				
11.5	30	0.2	16	11	NEG	<0.1	<1.0	5.55																				
12.1	30	0.7	21	13 B	NEG	<0.1	<1.0	3.81																				
12.1	30	0.3	19	12 B	NEG	<0.1	<1.0	5.11																				
12.1	30	0.2	16	10	NEG	<0.1	<1.0	4.71																				

KEY: UoM - Unit of Measure Y - YES N - NO C - CHANGED >

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Apply and apply on to this sample as provided. No guarantee,



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