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<input type="checkbox"/>	LAB NUMBER	SEVERITY	CUSTOMER	CONDITION	COMPONENT
<input checked="" type="checkbox"/>	202208122574	D	ACME Demo	Viscosity/Wear	TRANS-AUTO
<input checked="" type="checkbox"/>	202208122571	D	ACME Demo	Low Viscosity	CENTER DIFFERENTIAL
<input type="checkbox"/>	202208122588	A	Acme	Acceptable	LEFT TANDEM
<input type="checkbox"/>	202208122583	A	Acme	Acceptable	TRANS-AUTO
<input type="checkbox"/>	202208160214	B	Acme	Wear	HYDRAULIC
<input type="checkbox"/>	202207211843	B	Acme	Fuel/Low Viscosity	ENGINE C7
<input type="checkbox"/>	202208160209	B	Acme	Fuel/Low Viscosity	ENGINE
<input type="checkbox"/>	202208161067	A	Acme	Acceptable	HYDRAULIC
<input type="checkbox"/>	202208120263	B	Acme	Dist	ENGINE
<input type="checkbox"/>	202208161066	R	Acme	Dist	ENGINE

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PRINTING REPORTS

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Castrol LABCHECK **Bureau Veritas Oil Condition Monitoring** **Sample Analysis Report**
12715 Royal Drive, Stafford, TX 800-248-7778
customerservice@bureauveritas.com **Status D**

Account Information **Sample Information** **Other Sample Information**

Lab Customer ID#: 319182 Lab No.: 201908190721 PO No.:
Company Name: [ACME Demo](#) Sample Tracking #: E201908130517 Work Order No.:
Worksite: Houston, TX Sampled Date: 08/05/2019 Reference No.: 8399036
Address: 123, Received Date: 08/19/2019 Filter Age: 0
Edmonton, Alberta, T6B 3M9 Completed Date: 08/26/2019 Make Up Oil 0

Unit Information **Component Information** **Fluid Information**

Unit ID: [191/STATE MAPLE FOREST BSTR](#) Component Description: [COOLING SYSTEM](#) Fluid Manufacturer: CHEVRON
Unit Manufacturer: Caterpillar Component Manufacturer: Caterpillar Fluid Brand/Product: HDAX PF AF
Unit Model: Component Model: RIVIERA Fluid Grade:
Unit Serial: RIVIERA Component Serial: RIVIERA
Unit Worksite: Houston, TX Component Type: COOLING SYSTEM

Maintenance for Lab No. : 201908190721 Increased wear is occurring, and may be associated with changes in viscosity grade. Suggest checking 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.
Evaluated By : Clark Smith - Data Analyst

SPECTROCHEMICAL ANALYSIS IN PARTS PER MILLION

LAB NO.	SAMPLE DRAWN	Wear Metals										Contaminants			Additives							
		Iron	Chromium	Nickel	Aluminum	Lead	Copper	Tin	Silver	Titanium	Vanadium	Silicon	Sodium	Potassium	Boron	Molybdenum	Phosphorus	Zinc	Calcium	Barium	Magnesium	Antimony
0095	04/04/2022	15	<1	1	1	3	554 D	<1	<0.1	<1	<1	16	3	1	3	<1	792	940	4001	4	8	<1
0144	05/09/2022	17	<1	1	<1	2	419 D	<1	<0.1	<1	<1	15	<1	<1	3	2	866	988	4172	2	9	<1
0716	07/19/2022	31	<1	1	1	4	516 D	<1	<0.1	<1	<1	20	3	1	5	4	952	1118	4476	3	54	<1
2574	08/08/2022	20	<1	<1	1	3	335 D	<1	<0.1	<1	<1	13	1	1	3	4	897	1105	3794	2	22	<1

SAMPLE INFORMATION **FLUID PROPERTIES/CONTAMINANTS**

LAB NO.	SAMPLE DRAWN	UNIT TIME	LUBE AGE	UOM	FILTER CHGD.	LUBE SERVICE	WATER %	VISCOSITY 100 °C CST	VIS GRADE	GLYCOL POS/NEG	TOTAL ACID NUMBER MG KOH/G
2574	08/08/2022	1093	1093	HR	Yes	S	<0.1	6.6 C	10	NEG	1.07
0716	07/19/2022	917	917	HR	No	S	<0.1	6.4 C	10	NEG	1.12
0144	05/09/2022	567	567	HR	No	S	<0.1	6.6 C	10	NEG	1.29
0095	04/04/2022	289	289	HR	No	S	<0.1	6.2 D	10	NEG	1.12

KEY: UoM - Unit of Measure Y - Yes N - No C - Changed S - Sampled > - Greater Than
This analysis is intended as an aid in predicting mechanical wear. Test results, maintenance recommendations, and other information are provided for informational purposes only. It is the responsibility of the equipment owner to ensure proper operation and maintenance of the equipment. Testing performed by Bureau Veritas, an ISO/IEC 17025:2017 accredited laboratory by ANAB. For details on outsourced testing, contact the laboratory directly. [Click here for Tests and Methodologies](#)

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<input type="checkbox"/>	LAB NUMBER	SEVERITY	CUSTOMER	CONDITION	COMPONENT
<input checked="" type="checkbox"/>	202208122574	D	ACME Demo	Viscosity/Wear	TRANS-AUTO
<input checked="" type="checkbox"/>	202208122571	D	ACME Demo	Low Viscosity	CENTER DIFFERENTIAL
<input type="checkbox"/>	202208122588	A	Acme	Acceptable	LEFT TANDEM
<input type="checkbox"/>	202208122583	A	Acme	Acceptable	TRANS-AUTO
<input type="checkbox"/>	202208160214	B	Acme	Wear	HYDRAULIC
<input type="checkbox"/>	202207211843	B	Acme	Fuel/Low Viscosity	ENGINE C7
<input type="checkbox"/>	202208160209	B	Acme	Fuel/Low Viscosity	ENGINE
<input type="checkbox"/>	202208161067	A	Acme	Acceptable	HYDRAULIC
<input type="checkbox"/>	202208120263	B			
<input type="checkbox"/>	202208161066	R			

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PRINT REPORT(S)

<input type="checkbox"/>	LAB NUMBER	SEVERITY	CUSTOMER	CONDITION	COMPONENT
<input checked="" type="checkbox"/>	202208122574	D	ACME Demo	Viscosity/Wear	TRANS-AUTO
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<input type="checkbox"/>	202208160209	B	Acme	Fuel/Low Viscosity	ENGINE
<input type="checkbox"/>	202208161067	A	Acme	Acceptable	HYDRAULIC
<input type="checkbox"/>	202208120263	B	Acme	Dirt	ENGINE
<input type="checkbox"/>	202208161066	R	Acme	Low Viscosity	HYDRAULIC

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SamplesExport (14).xlsx

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Sample Condition Viscosity/Wear

Status

D

Graphs Attachments Comments Actions

ACCOUNT INFORMATION

Lab Customer ID#: 319182
Company Name: [ACME Demo](#)
Worksite: Houston, TX
Address: 123,
Edmonton, Alberta, T6B 3M9

SAMPLE INFORMATION

Lab No.: 201908190721
Sample Tracking #: E201908130517
Sampled Date: 08/05/2019
Received Date: 08/19/2019
Completed Date: 08/26/2019

OTHER SAMPLE INFORMATION

PO No.:
Work Order No.:
Reference No.: 8399036
Filter Age: 0
Make Up Oil Amount: 0

UNIT INFORMATION

Unit ID: [191/STATE MAPLE FOREST BSTR](#)
Unit Manufacturer: Caterpillar
Unit Model:
Unit Serial: RIVIERA
Unit Worksite: Houston, TX

COMPONENT INFORMATION

Component Description: [COOLING SYSTEM](#)
Component Manufacturer: Caterpillar
Component Model:
Component Serial: RIVIERA
Component Type: COOLING SYSTEM

FLUID INFORMATION

Fluid Manufacturer: CHEVRON
Fluid Brand/Product: HDAX PF AF
Fluid Grade:

RECOMMENDATIONS

Maintenance for Lab No.:
201908190721
Evaluated By: CSMITH

Increased wear is occurring, and may be associated with changes in viscosity grade. Suggest checking 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.

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PRINTING REPORTS

[← BACK](#)[TREND GRAPH](#)[SEND EMAIL](#)[DOWNLOAD PDF](#)**Sample Condition** Viscosity/Wear**Status****D** Graphs Attachments Comments Actions

ACCOUNT INFORMATION

Lab Customer ID#: 319182
Company Name: [ACME Demo](#)
Worksite: Houston, TX
Address: 123,
Edmonton, Alberta, T6B 3M9

SAMPLE INFORMATION

Lab No.: 201908190721
Sample Tracking #: E201908130517
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OTHER SAMPLE INFORMATION

PO No.:
Work Order No.:
Reference No.: 8399036
Filter Age: 0
Make Up Oil Amount: 0

UNIT INFORMATION

Unit ID: [191/STATE MAPLE FOREST BSTR](#)
Unit Manufacturer: Caterpillar
Unit Model:
Unit Serial: RIVIERA
Unit Worksite: Houston, TX

COMPONENT INFORMATION

Component Description: [COOLING SYSTEM](#)
Component Manufacturer: Caterpillar
Component Model:
Component Serial: RIVIERA
Component Type: COOLING SYSTEM

FLUID INFORMATION

Fluid Manufacturer: CHEVRON
Fluid Brand/Product: HDAX PF AF
Fluid Grade:

RECOMMENDATIONS

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201908190721
Evaluated By: CSMITH

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Sample Analysis Report

Status **D**

Account Information
Lab Customer ID#: 319182
Company Name: [ACME Demo](#)
Worksite: Houston, TX
Address: 123,
Edmonton, Alberta, T6B 3M9

Sample Information
Lab No.: 201908190721
Sample Tracking #: E201908130517
Sampled Date: 08/05/2019
Received Date: 08/19/2019
Completed Date: 08/26/2019

Other Sample Information
PO No.:
Work Order No.:
Reference No.: 8399036
Filter Age: 0
Make Up Oil 0

Unit Information
Unit ID: [191/STATE MAPLE FOREST BSTR](#)
Unit Manufacturer: Caterpillar
Unit Model:
Unit Serial: RIVIERA
Unit Worksite: Houston, TX

Component Information
Component Description: [COOLING SYSTEM](#)
Component Manufacturer: Caterpillar
Component Model:
Component Serial: RIVIERA
Component Type: COOLING SYSTEM

Fluid Information
Fluid Manufacturer: CHEVRON
Fluid Brand/Product: HDAX PF AF
Fluid Grade:

Maintenance for Lab No. : 201908190721
Evaluated By : Clark Smith - Data Analyst

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Sample Condition Viscosity/Wear

Status

D

Graphs Attachments Comments Actions

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Component Manufacturer: Caterpillar
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Component Type: COOLING SYSTEM

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Fluid Manufacturer: CHEVRON
Fluid Brand/Product: HDAX PF AF
Fluid Grade:

RECOMMENDATIONS

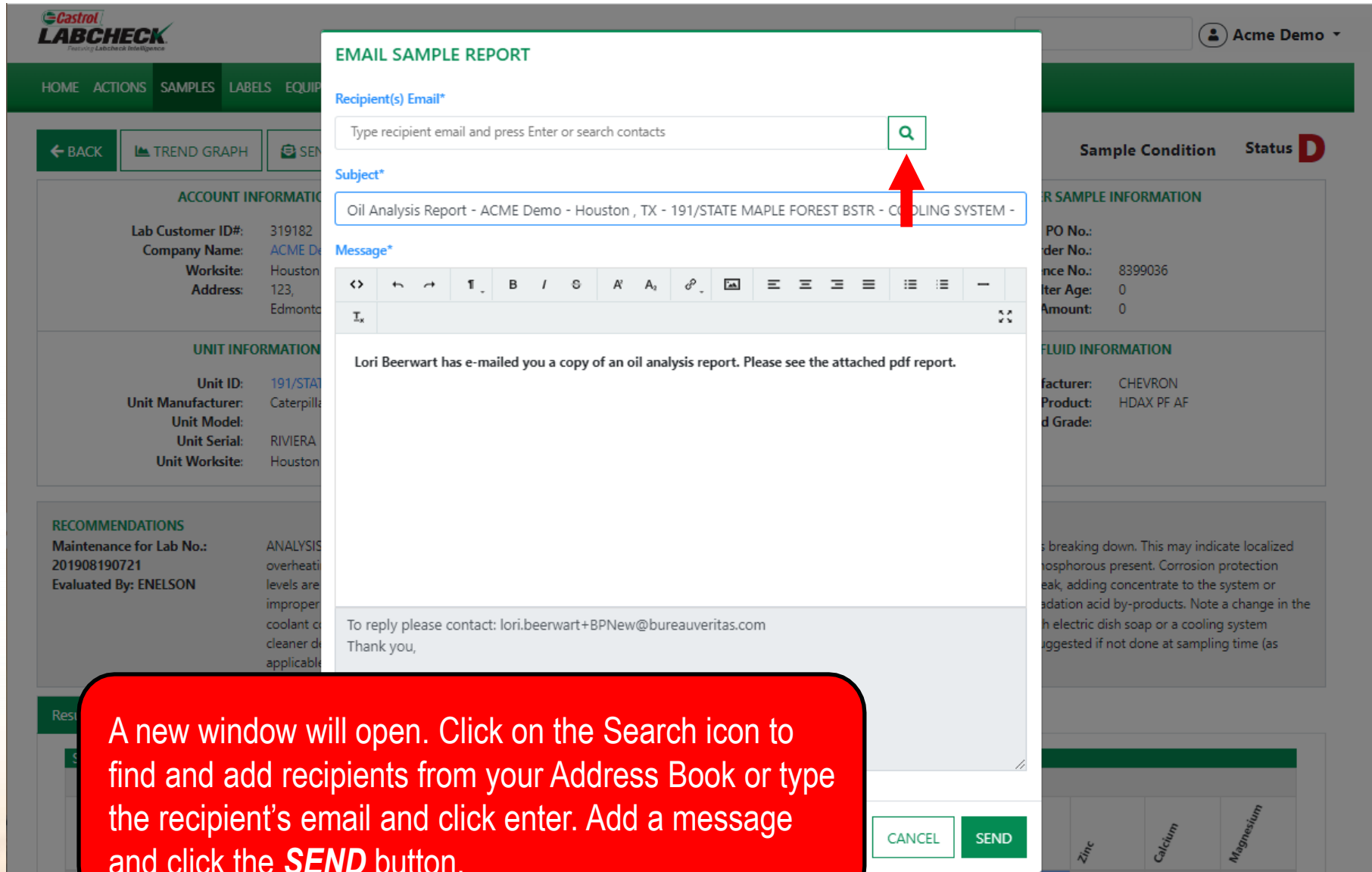
Maintenance for Lab No.:
201908190721

Evaluated By: CSMITH

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EMAIL SAMPLE REPORT

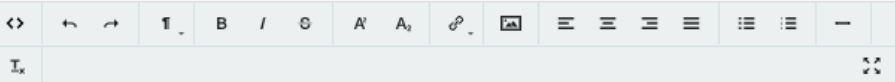
Recipient(s) Email*

Type recipient email and press Enter or search contacts 

Subject*

Oil Analysis Report - ACME Demo - Houston , TX - 191/STATE MAPLE FOREST BSTR - COOLING SYSTEM -

Message*



Lori Beerwart has e-mailed you a copy of an oil analysis report. Please see the attached pdf report.

To reply please contact: lori.beerwart+BPNew@bureauveritas.com
Thank you,

CANCEL **SEND**

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