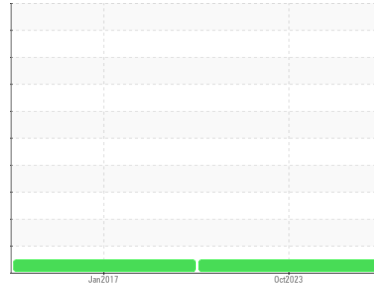




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
MTU 5262012369

Component
Rear Diesel Engine

Fluid
DIESEL ENGINE OIL SAE 15W40 (275 QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 3 test kits, this testkit includes Analytical Ferrography which provides a detailed morphological analysis of wear particles present in the fluid. this testkit includes BN to determine the suitability of the oil for continued use.

Wear

Metal levels are typical for a new component breaking in. Component wear rates appear to be normal (unconfirmed).

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service (unconfirmed).

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0713316	WC858657	---
Sample Date	Client Info			11 Oct 2023	20 Jan 2017	---
Machine Age	hrs	Client Info		431	35	---
Oil Age	hrs	Client Info		0	35	---
Oil Changed	Client Info			N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method	>5		<1.0	<1.0	---
Glycol	WC Method			NEG	NEG	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>100	2	3	---
Chromium	ppm	ASTM D5185(m)	>20	0	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<1	0	---
Titanium	ppm	ASTM D5185(m)		0	<1	---
Silver	ppm	ASTM D5185(m)	>3	<1	0	---
Aluminum	ppm	ASTM D5185(m)	>20	1	1	---
Lead	ppm	ASTM D5185(m)	>40	<1	<1	---
Copper	ppm	ASTM D5185(m)	>330	3	9	---
Tin	ppm	ASTM D5185(m)	>15	0	<1	---
Antimony	ppm	ASTM D5185(m)		0	1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Beryllium	ppm	ASTM D5185(m)		0	0	---
Cadmium	ppm	ASTM D5185(m)		0	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	250	53	23	---
Barium	ppm	ASTM D5185(m)	10	<1	4	---
Molybdenum	ppm	ASTM D5185(m)	100	51	46	---
Manganese	ppm	ASTM D5185(m)		0	<1	---
Magnesium	ppm	ASTM D5185(m)	450	503	799	---
Calcium	ppm	ASTM D5185(m)	3000	1791	1276	---
Phosphorus	ppm	ASTM D5185(m)	1150	1072	972	---
Zinc	ppm	ASTM D5185(m)	1350	1258	1179	---
Sulfur	ppm	ASTM D5185(m)	4250	3105	2748	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

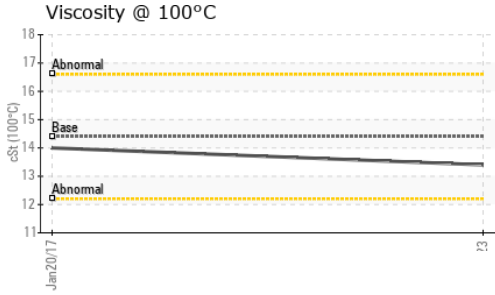
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	3	4	---
Sodium	ppm	ASTM D5185(m)	>158	4	4	---
Potassium	ppm	ASTM D5185(m)	>20	1	3	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	6.1	6.4	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.2	18.7	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	>25	14.4	12.0	---



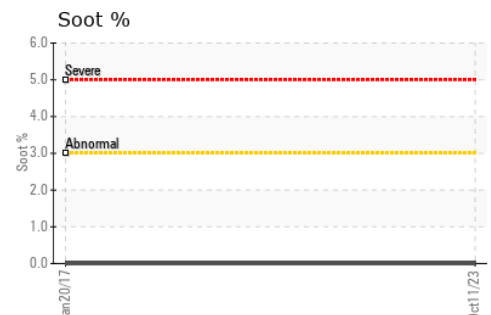
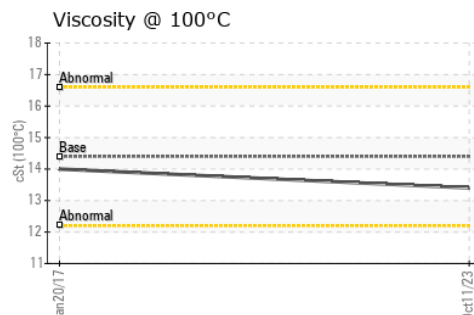
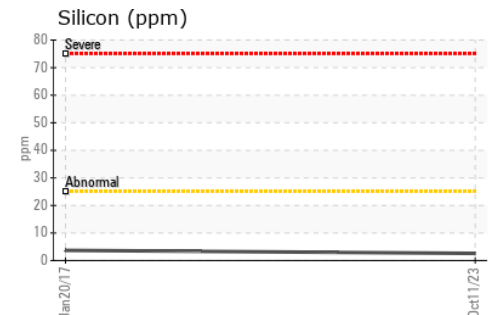
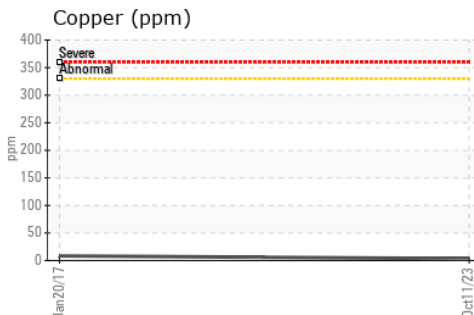
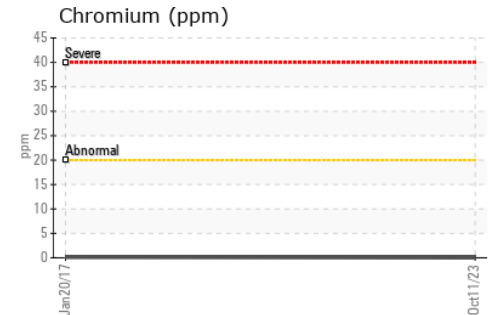
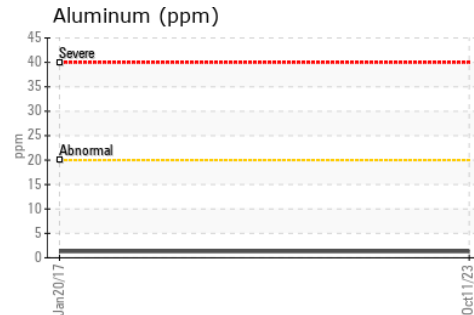
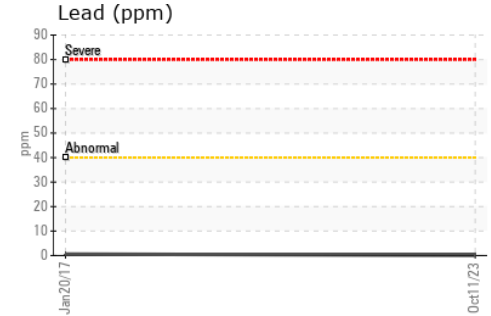
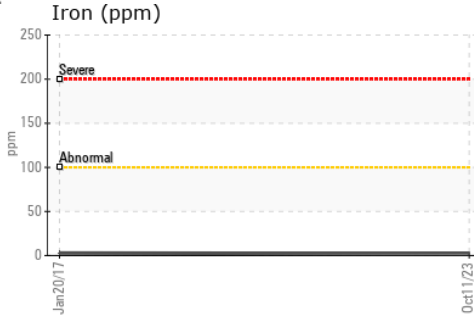
OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	14.4	13.4	14.0

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **RONNIE'S GENERATOR SERVICE LTD.**
Sample No. : WC0713316 **Received** : 13 Oct 2023 6459 NETHERHART ROAD
Lab Number : 02588878 **Diagnosed** : 13 Oct 2023 MISSISSAUGA, ON
Unique Number : 5657944 **Diagnostician** : Wes Davis CA L5T 1C3
Test Package : MOB 1 **Contact**: Paul Praturlon

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

T:
 F: (905)670-8819