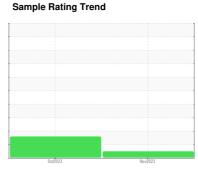


# **OIL ANALYSIS REPORT**







### Recommendation

Resample at the next service interval to monitor.

Metal levels are typical for a new component breaking in.

### Contamination

There is no indication of any contamination in the

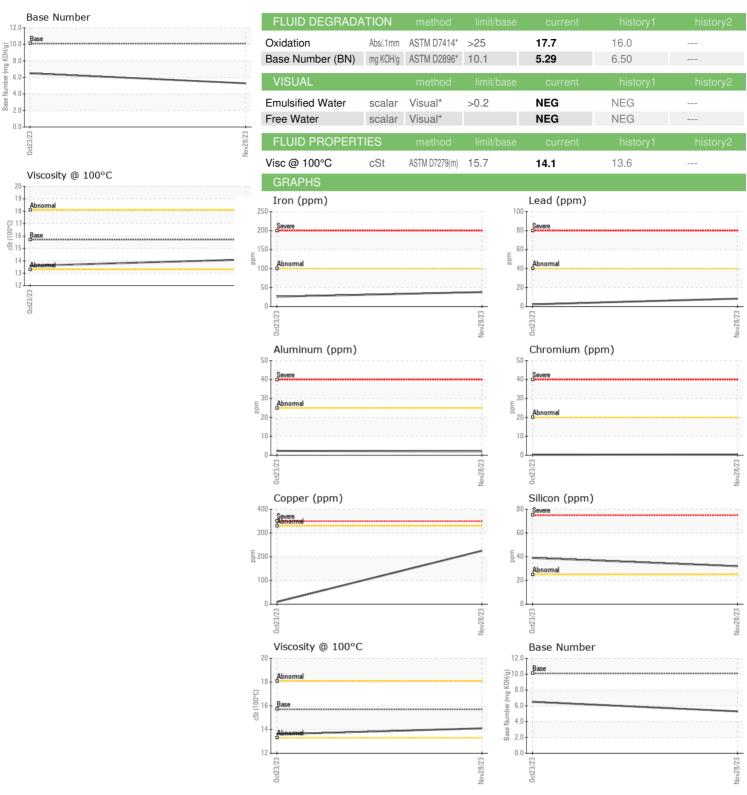
### **Fluid Condition**

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

0W40 ( LIK)			0ct2023	Nov2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0846971	WC0846972	
Sample Date		Client Info		28 Nov 2023	23 Oct 2023	
Machine Age	kms	Client Info		21200	288165	
Oil Age	kms	Client Info		21200	20300	
Oil Changed		Client Info		Not Changd	Not Changd	
Sample Status				NORMAL	ABNORMAL	
CONTAMINATION	١	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	
Water		WC Method	>0.2	NEG	NEG	
Glycol		WC Method		NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>100	38	26	
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	
Nickel	ppm	ASTM D5185(m)	>2	1	1	
Titanium	ppm	ASTM D5185(m)	>2	0	0	
Silver	ppm	ASTM D5185(m)	>2	<1	<1	
Aluminum	ppm	ASTM D5185(m)	>25	2	2	
Lead	ppm	ASTM D5185(m)	>40	8	2	
Copper	ppm	ASTM D5185(m)	>330	225	9	
Tin	ppm	ASTM D5185(m)	>15	0	0	
Antimony	ppm	ASTM D5185(m)		0	0	
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)	35	41	40	
Barium	ppm	ASTM D5185(m)	0	<1	<1	
Molybdenum	ppm	ASTM D5185(m)	0	60	84	
Manganese	ppm	ASTM D5185(m)	0	0	0	
Magnesium	ppm	ASTM D5185(m)	10	42	58	
Calcium	ppm	ASTM D5185(m)	2340	2217	2441	
Phosphorus	ppm	ASTM D5185(m)	1110	966	1121	
Zinc	ppm	ASTM D5185(m)	1210	1183	1339	
Sulfur	ppm	ASTM D5185(m)	3890	2839	3407	
Lithium	ppm	ASTM D5185(m)		<1	<1	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	32	<b>△</b> 39	
Sodium	ppm	ASTM D5185(m)		2	3	
Potassium	ppm	ASTM D5185(m)	>20	2	1	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0.4	0.3	
Nitration	Abs/cm	ASTM D7624*	>20	9.5	9.3	
Sulfation	Abs/.1mm	ASTM D7415*	>30	22.0	20.3	



## **OIL ANALYSIS REPORT**







Laboratory Sample No. Lab Number Unique Number Test Package : MOB 2

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0846971 : 02601214

: 5694299

Received : 06 Dec 2023 Diagnosed

: 06 Dec 2023 Diagnostician : Wes Davis

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.

O DOYLE TRANSPORT INC.

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