

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id **16991**

Diesel Engine

DIESEL ENGINE OIL SAE 5W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 5W40. Please confirm.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

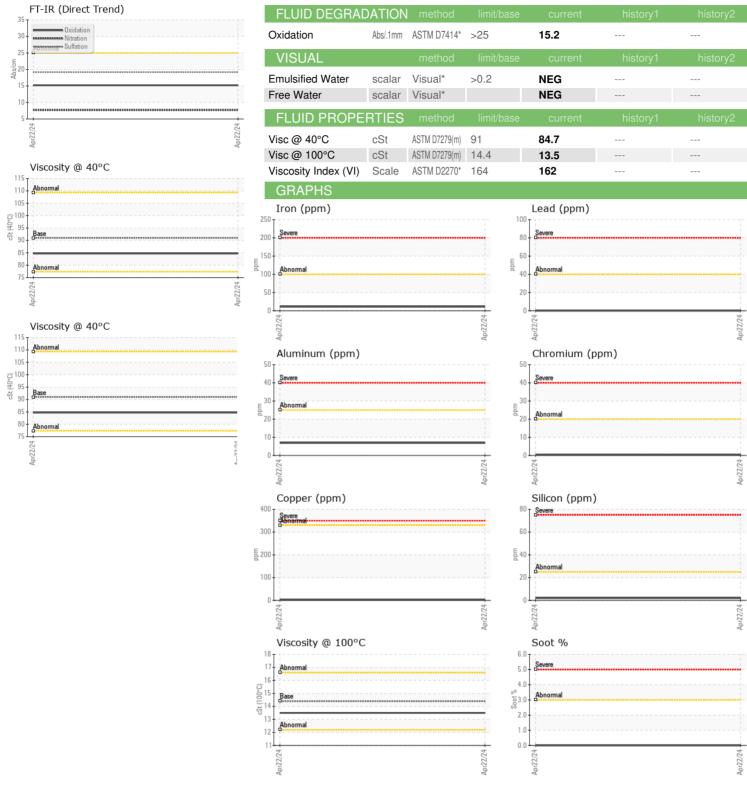
Fluid Condition

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

				Apr2024		
0.44DL	MATION.					
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PC0089314		
Sample Date		Client Info		22 Apr 2024		
Machine Age	hrs	Client Info		2209424		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>6.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>100	11		
Chromium	ppm	ASTM D5185(m)	>20	<1		
Nickel	ppm	ASTM D5185(m)	>2	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>2	0		
Aluminum	ppm	ASTM D5185(m)	>25	7		
Lead	ppm	ASTM D5185(m)	>40	0		
Copper	ppm	ASTM D5185(m)	>330	2		
Tin	ppm	ASTM D5185(m)	>15	0		
Antimony	ppm	ASTM D5185(m)		0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	250	40		
Barium	ppm	ASTM D5185(m)	10	0		
Molybdenum	ppm	ASTM D5185(m)	100	42		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)	450	802		
Calcium	ppm	ASTM D5185(m)	3000	1085		
Phosphorus	ppm	ASTM D5185(m)	1150	885		
Zinc	ppm	ASTM D5185(m)	1350	1065		
Sulfur	ppm	ASTM D5185(m)	4250	2672		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	2		
Sodium	ppm	ASTM D5185(m)	>44	5		
Potassium	ppm	ASTM D5185(m)	>20	<1		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0		
Nitration	Abs/cm	ASTM D7624*	>20	7.7		
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.2		



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CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number : 02634522 Unique Number : 5775675

: PC0089314

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

To discuss this sample report, contact Customer Service at 1-800-268-2131.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Green Infrastructure and Partners Inc (GIPI) - 286 - Shoring & Foundations Received : 10 May 2024 **Tested**

Diagnosed Test Package : MOB 1 (Additional Tests: KV40, VI)

: 13 May 2024 : 13 May 2024 - Wes Davis

Stouffville, ON CA L4A 2G8 Contact: Shannon Abbott sabbott@gipi.com T: (905)750-5900

151 Ram Forest Rd,

Validity of results and interpretation are based on the sample and information as supplied. Report Id: GFL286 [WCAMIS] 02634522 (Generated: 05/13/2024 09:29:57) Rev: 1

Contact/Location: Shannon Abbott - GFL286