

OIL ANALYSIS REPORT

OODT

Sample Rating Trend VISCOSITY



Machine Id

813065
Component
Diesel Engine
Fluid

CERTIFIED SPECTRA XTREME 15W40 CK4 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

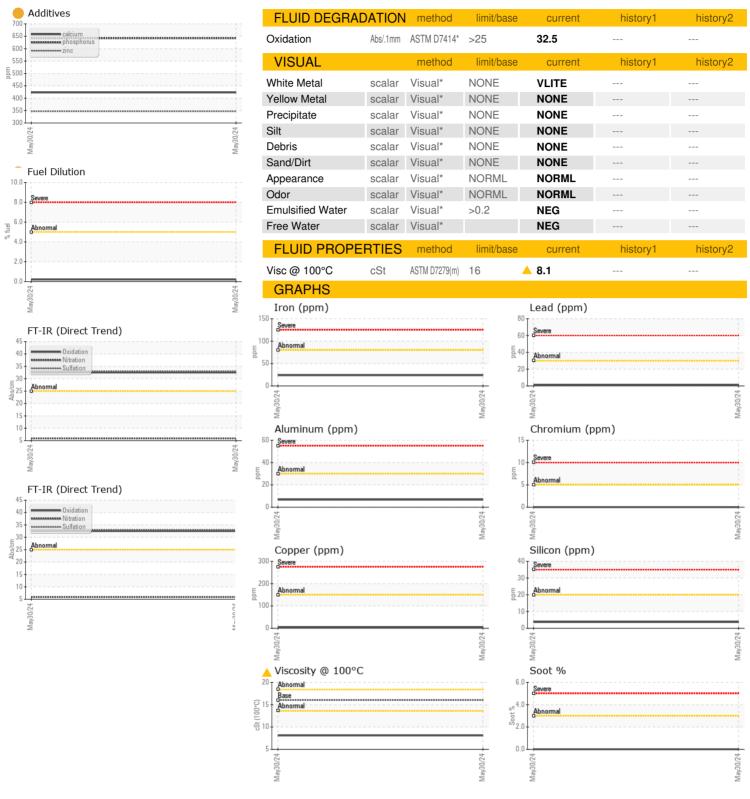
▲ Fluid Condition

Viscosity of sample indicates oil is within SAE 20 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

EME 15W40 CK4 (· GAL)			May2024		
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0105879		
Sample Date		Client Info		30 May 2024		
	hrs	Client Info		0		
Ü	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATIO	NC	method	limit/base	current	history1	history2
Nater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>80	24		
Chromium	ppm	ASTM D5185(m)	>5	0		
Nickel	ppm	ASTM D5185(m)	>2	0		
	ppm	ASTM D5185(m)		0		
	ppm	ASTM D5185(m)	>3	0		
	ppm	ASTM D5185(m)	>30	7		
	ppm	ASTM D5185(m)	>30	1		
	ppm	ASTM D5185(m)	>150	4		
Γin	ppm	ASTM D5185(m)	>5	<1		
	ppm	ASTM D5185(m)		0		
	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)		<u> </u>		
	ppm	ASTM D5185(m)		<1		
	ppm	ASTM D5185(m)		9 79		
	ppm	ASTM D5185(m)		<1		
	ppm	ASTM D5185(m)		266		
	ppm	ASTM D5185(m)		423		
	ppm	ASTM D5185(m)		642		
	ppm	ASTM D5185(m)		347		
	ppm	ASTM D5185(m)		1930		
	ppm	ASTM D5185(m)		<1		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	4		
Sodium	ppm	ASTM D5185(m)		6		
Potassium	ppm	ASTM D5185(m)	>20	3		
Fuel	%	ASTM D7593*	>5	0.2		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0		
Nitration	Abs/cm	ASTM D7624*	>20	5.9		
Sulfation	Abs/.1mm	ASTM D7415*	>30	33.0		



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CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number : 02639061 Unique Number : 5788223

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

: GFL0105879

Received : 31 May 2024 **Tested** : 04 Jun 2024 Diagnosed : 04 Jun 2024 - Kevin Marson Test Package : MOB 1 (Additional Tests: FuelDilution, PercentFuel, VISUAL)

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.

GFL Environmental - 348 1027 Kirk Lline East Bracebridge, ON CA P1L 0A1

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Submitted By: Tamara Denney