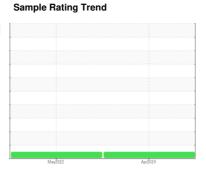


OIL ANALYSIS REPORT







DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

Metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the oil

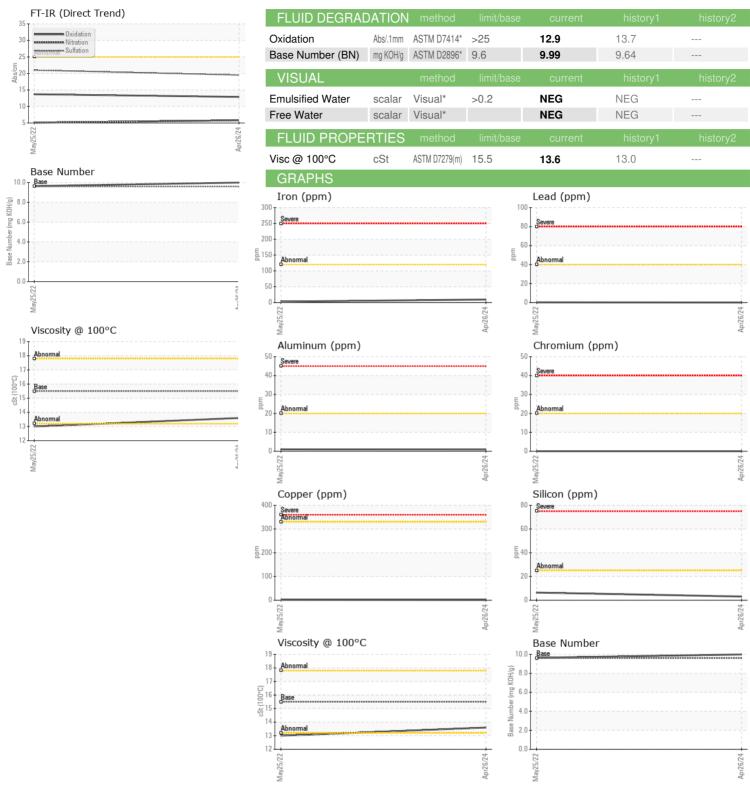
Fluid Condition

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

SYN BLEND 15W40	(GAL)		May2022	Apr2024		
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0117298	GFL0052599	
Sample Date		Client Info		26 Apr 2024	25 May 2022	
Machine Age	hrs	Client Info		191	21623	
Oil Age	hrs	Client Info		191	0	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
CONTAMINAT	TION	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	
Water		WC Method	>0.2	NEG	NEG	
Glycol		WC Method		NEG	NEG	
WEAR METAL	_S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>120	10	3	
Chromium	ppm	ASTM D5185(m)	>20	0	0	
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	
Γitanium	ppm	ASTM D5185(m)	>2	0	0	
Silver	ppm	ASTM D5185(m)	>2	0	0	
Aluminum	ppm	ASTM D5185(m)	>20	<1	1	
_ead	ppm	ASTM D5185(m)	>40	0	<1	
Copper	ppm	ASTM D5185(m)	>330	<1	2	
Γin	ppm	ASTM D5185(m)	>15	0	<1	
Antimony	ppm	ASTM D5185(m)		0	0	
/anadium	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)	1	2	4	
Barium	ppm	ASTM D5185(m)	1	0	0	
Molybdenum	ppm	ASTM D5185(m)	60	61	56	
Manganese	ppm	ASTM D5185(m)	1	0	<1	
Magnesium	ppm	ASTM D5185(m)	1010	973	947	
Calcium	ppm	ASTM D5185(m)	1070	1062	1126	
Phosphorus	ppm	ASTM D5185(m)	1150	1006	1055	
Zinc	ppm	ASTM D5185(m)	1270	1179	1195	
Sulfur	ppm	ASTM D5185(m)	2060	2666	2745	
_ithium	ppm	ASTM D5185(m)		<1	0	
CONTAMINAN	NTS _	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	3	6	
Sodium	ppm	ASTM D5185(m)		1	2	
Potassium	ppm	ASTM D5185(m)	>20	0	3	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>4	1	0	
Vitration	Abs/cm	ASTM D7624*	>20	5.8	5.1	
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.5	21.0	



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number : 02633817

: GFL0117298 Unique Number : 5774970 Test Package : MOB 2

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

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 550 - Rocky View County Received : 07 May 2024 **Tested**

Diagnosed

: 07 May 2024 : 07 May 2024 - Wes Davis

220 Carmek Blvd Rocky View County, AB **CA T1X 1X1**

Contact: GFL Calgary calgarymaintenance@gflenv.com

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.

F: (403)369-6163 Contact/Location: GFL Calgary - GFL550

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