



LIEBHERR

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
LIEBHERR L586 66923

Component
Splitter Box

Fluid
PETRO CANADA TRAXON 75W90 SYNTHETIC (2 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0284848	LH0269584	LH0260273
Sample Date		Client Info		04 Apr 2024	04 Sep 2023	20 Apr 2023
Machine Age	hrs	Client Info		3054	2006	1080
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>365	9	19	156
Chromium	ppm	ASTM D5185(m)	>6	0	<1	1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	2
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>5	<1	1	1
Lead	ppm	ASTM D5185(m)	>5	0	1	<1
Copper	ppm	ASTM D5185(m)	>20	<1	<1	3
Tin	ppm	ASTM D5185(m)	>4	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

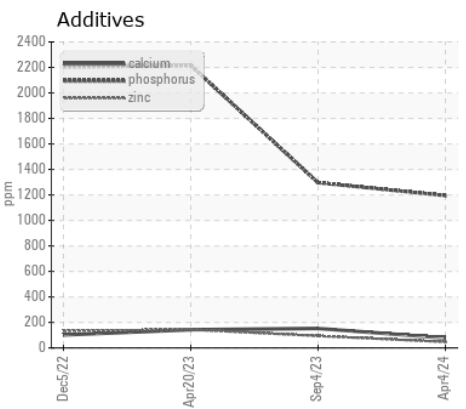
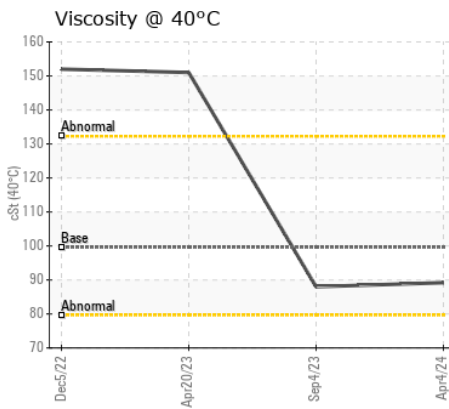
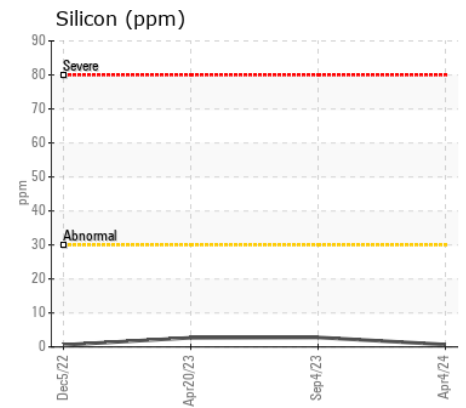
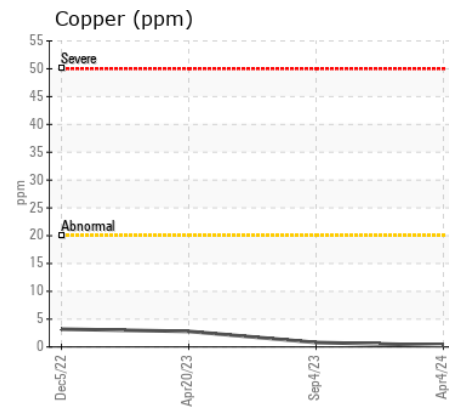
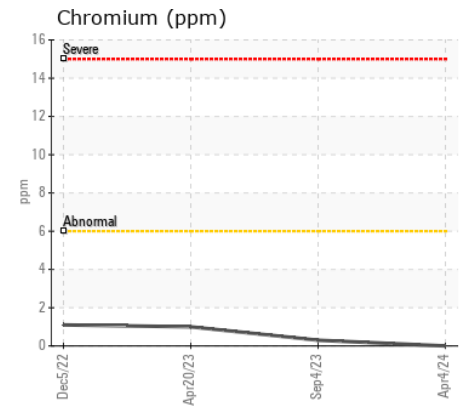
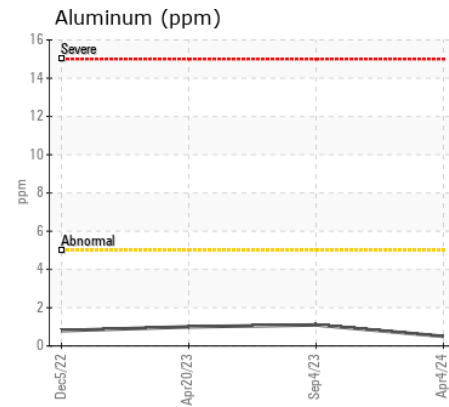
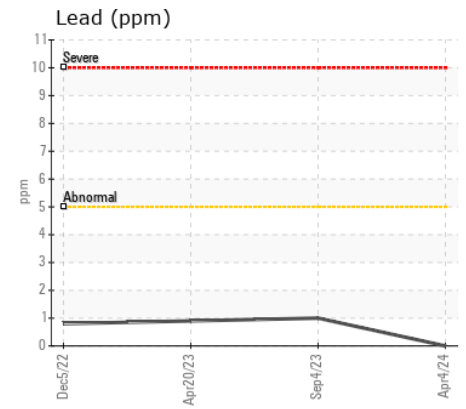
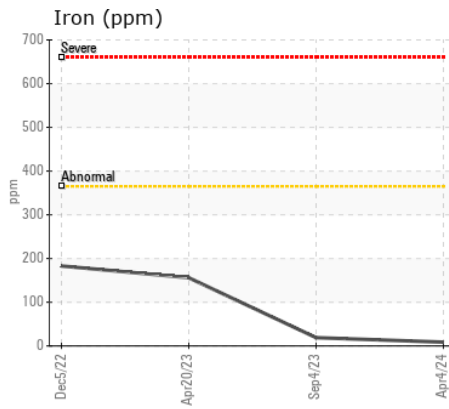
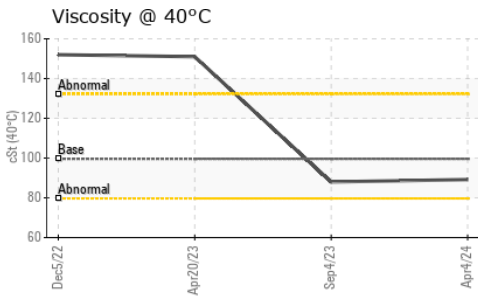
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>30	<1	3	3
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)	>25	<1	<1	6
Boron	ppm	ASTM D5185(m)	328	296	256	3
Barium	ppm	ASTM D5185(m)	1	<1	<1	24
Molybdenum	ppm	ASTM D5185(m)		0	<1	<1
Manganese	ppm	ASTM D5185(m)		0	<1	4
Magnesium	ppm	ASTM D5185(m)	1	3	3	10
Calcium	ppm	ASTM D5185(m)	7	78	153	143
Phosphorus	ppm	ASTM D5185(m)	1145	1195	1296	2216
Zinc	ppm	ASTM D5185(m)	3	47	94	144
Sulfur	ppm	ASTM D5185(m)	17909	20824	18577	30759
Visc @ 40°C	cSt	ASTM D7279(m)	99.6	89.2	88.0	151



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : LH0284848
Lab Number : 02630326
Unique Number : 5763458
Test Package : MOB 1
Received : 19 Apr 2024
Tested : 19 Apr 2024
Diagnosed : 19 Apr 2024 - Wes Davis

MIRA CONSTRUCTION
 43 Route 148 Killarney Rd
 Fredericton, NB
 CA E3B 5B2
 Contact: Mike

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.

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 F: