



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
2701 HIGH POINT RD MILTON, COMPRESSOR RM VERSA COLD 12VF011061

Component
Right Diesel Engine

Fluid
ESSO XD-3 EXTRA SAE 40 (40 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PN0006135	PN0005145	PN0003622
Sample Date		Client Info		25 Apr 2024	14 Aug 2023	04 Jul 2022
Machine Age	hrs	Client Info		1276	1264	1239
Oil Age	hrs	Client Info		36	1239	0
Filter Age	hrs	Client Info		36	1239	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Not Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>125	3	5	7
Chromium	ppm	ASTM D5185(m)	>5	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	0	<1	0
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	0
Aluminum	ppm	ASTM D5185(m)	>10	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>12	0	<1	2
Copper	ppm	ASTM D5185(m)	>45	<1	2	3
Tin	ppm	ASTM D5185(m)	>20	1	5	12
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

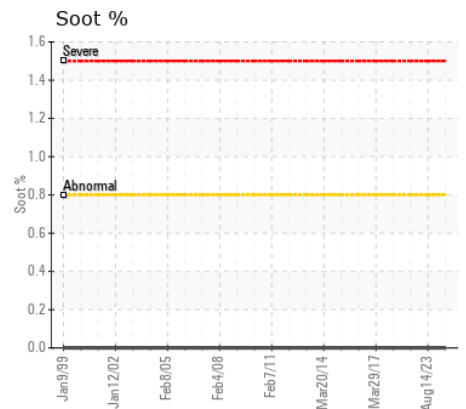
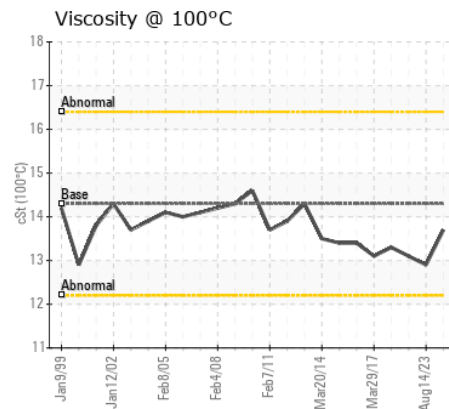
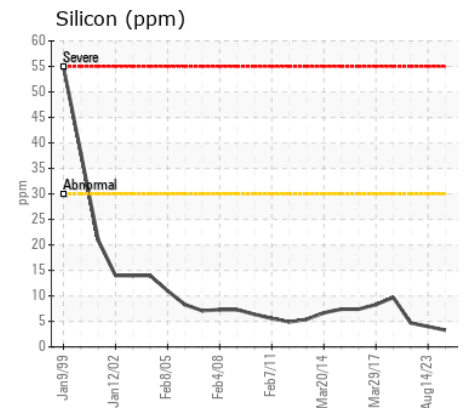
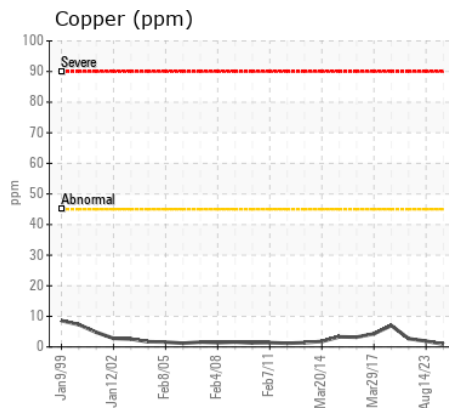
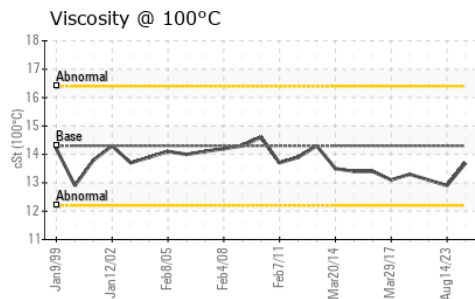
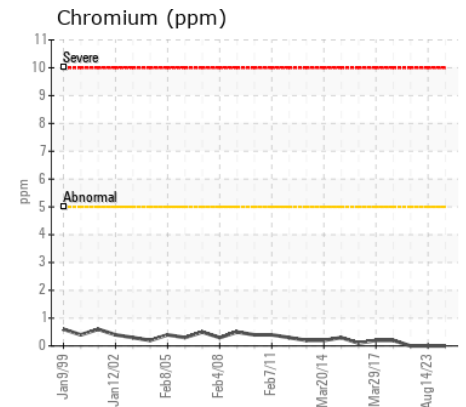
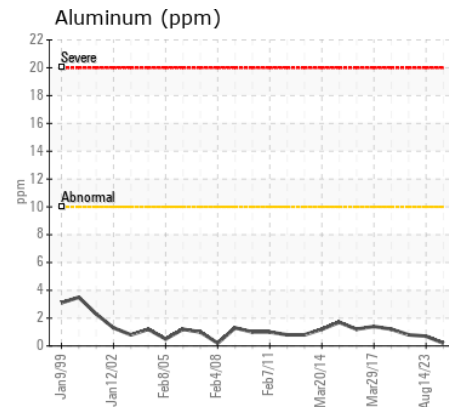
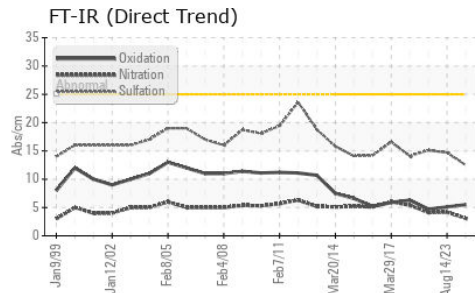
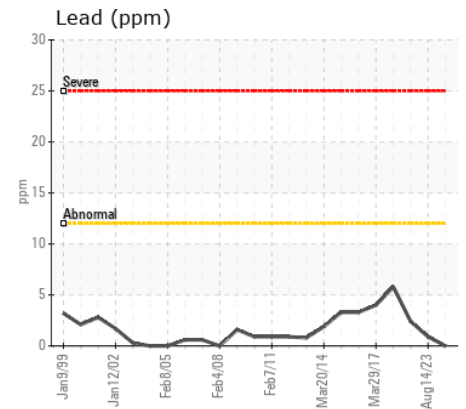
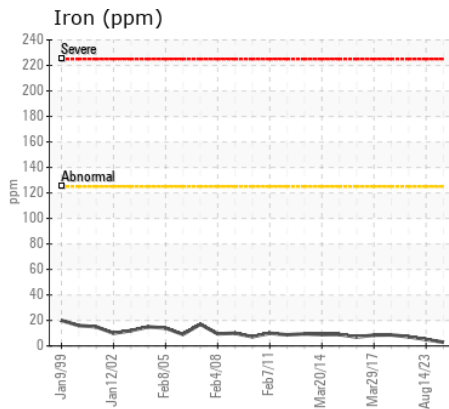
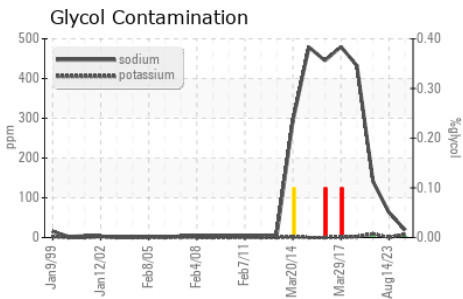
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>30	3	4	5
Potassium	ppm	ASTM D5185(m)	>20	7	<1	9
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	NEG	0.0
Soot %	%	ASTM D7844*	>0.8	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	3.1	4.2	4.1
Sulfation	Abs/.1mm	ASTM D7415*	>30	12.5	14.7	15.1
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		19	63	141
Boron	ppm	ASTM D5185(m)		4	14	11
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		1	8	8
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)		727	54	32
Calcium	ppm	ASTM D5185(m)	2550	1617	3655	3759
Phosphorus	ppm	ASTM D5185(m)	1000	1005	746	757
Zinc	ppm	ASTM D5185(m)	1120	1121	790	845
Sulfur	ppm	ASTM D5185(m)		2612	2554	3320
Oxidation	Abs/.1mm	ASTM D7414*	>25	5.5	5.1	4.7
Visc @ 100°C	cSt	ASTM D7279(m)	14.3	13.7	12.9	13.1



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PN0006135
Lab Number : 02633447
Unique Number : 5774600
Test Package : MOB 1 (Additional Tests: Glycol)

Received : 06 May 2024
Tested : 06 May 2024
Diagnosed : 06 May 2024 - 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.

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