IND II WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[1001091705]
Machine Id
[CFFPH] 737-800 CFFPH A SYSTEM
Component
Left Hydraulic System
Fluid
SKYDROL LD-4 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

WEAR

All component wear rates are normal.

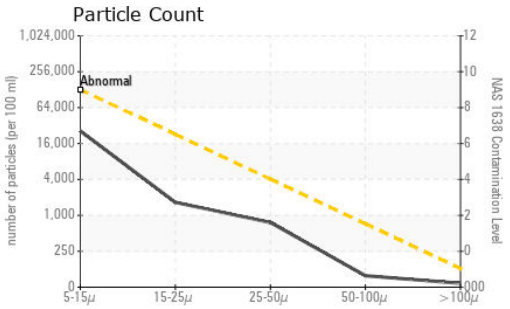
CONTAMINATION

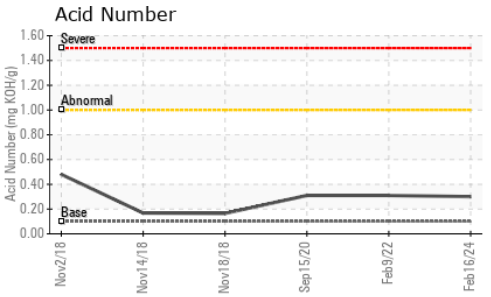
The water content is negligible. There is no indication of any contamination in the oil. The system and fluid cleanliness is acceptable.

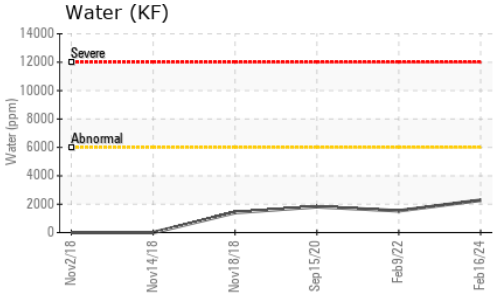
FLUID CONDITION

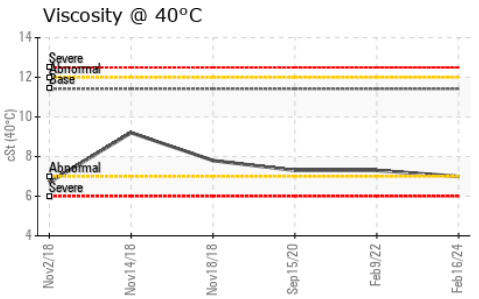
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

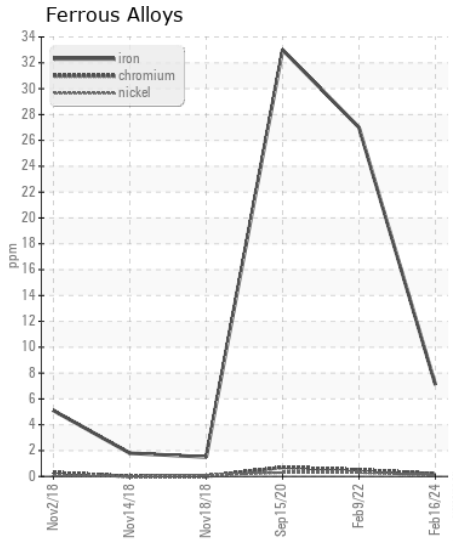
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0760740	WC0618975	WC0439712
Sample Date		Client Info		16 Feb 2024	09 Feb 2022	15 Sep 2020
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL
Iron	ppm	ASTM D5185(m)	>20	7	27	▲ 33
Chromium	ppm	ASTM D5185(m)	>10	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)	>10	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>20	<1	<1	<1
Copper	ppm	ASTM D5185(m)	>20	3	6	7
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>15	<1	3	4
Potassium	ppm	ASTM D5185(m)	>20	19	22	22
Water	%	ASTM D6304*	>0.6	0.227	0.153	0.181
ppm Water	ppm	ASTM D6304*	>6000	2280	1531.3	1819.3
Particles 5-15µm	count	NAS 1638	>128000	26026	40470	27900
Particles 15-25µm	count	NAS 1638	>22800	1653	3164	1176
Particles 25-50µm	count	NAS 1638	>4050	759	1471	568
Particles 50-100µm	count	NAS 1638	>720	80	121	70
Particles >100µm	count	NAS 1638	>128	27	16	18
NAS 1638	Class	NAS 1638	>9	7	8	7
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	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*	>0.6	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		4	4	2
Boron	ppm	ASTM D5185(m)	0	<1	2	2
Barium	ppm	ASTM D5185(m)	0	0	0	<1
Molybdenum	ppm	ASTM D5185(m)	0	0	0	0
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	<1	0	<1
Calcium	ppm	ASTM D5185(m)	0	3	2	2
Phosphorus	ppm	ASTM D5185(m)	20000	36405	35663	44912
Zinc	ppm	ASTM D5185(m)	0	2	2	2
Sulfur	ppm	ASTM D5185(m)	1900	1575	1448	1397
Acid Number (AN)	mg KOH/g	ASTM D974*	0.10	0.30	0.31	0.31
Visc @ 40°C	cSt	ASTM D7279(m)	11.42	7	7.3	7.3

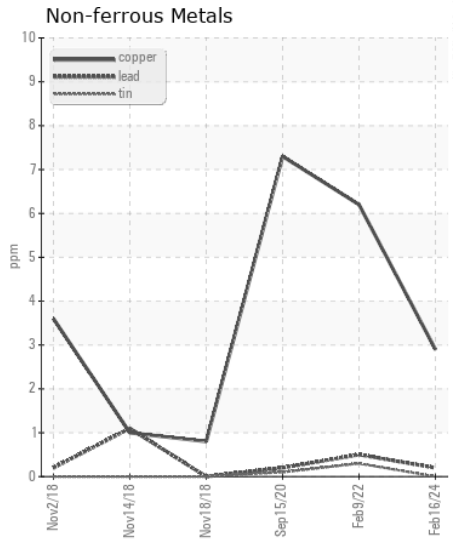


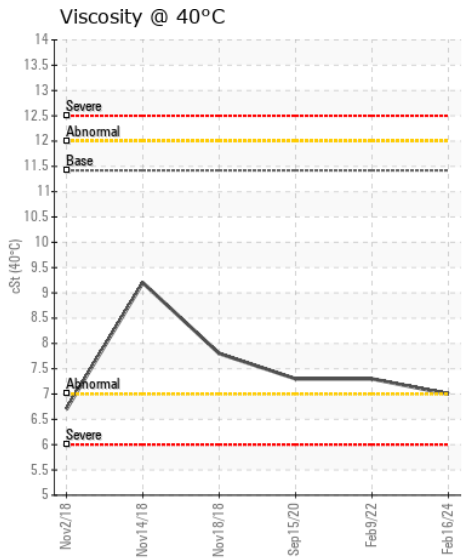


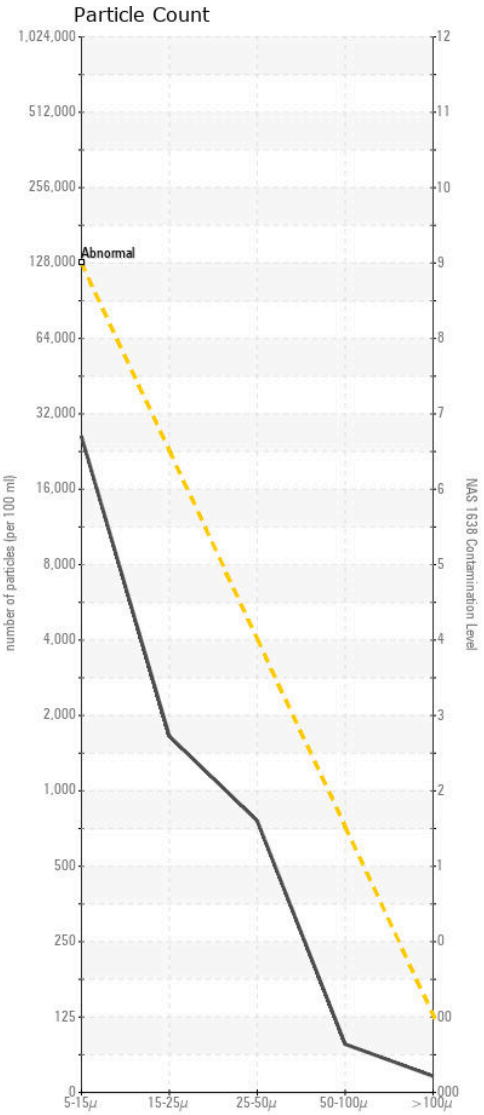


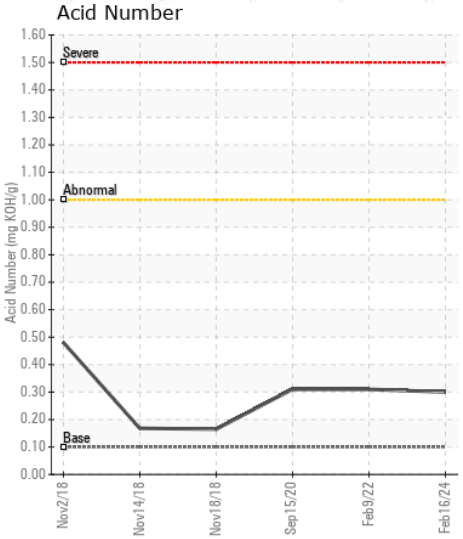












CALA Testing Accreditation No. 1005078
ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0760740 **Received** : 20 Feb 2024
Lab Number : 02616822 **Tested** : 21 Feb 2024
Unique Number : 5733932 **Diagnosed** : 21 Feb 2024 - Kevin Marson
Test Package : IND 2 (Additional Tests: KF, PrtCount, TAN Man)

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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