



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
SUTPHEN 4035
Component
Center Gearbox
Fluid
PETRO CANADA TRAXON 80W90 (6 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

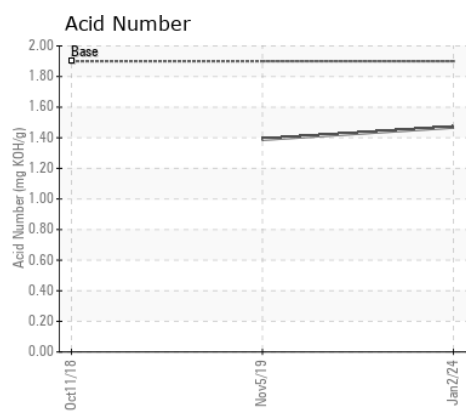
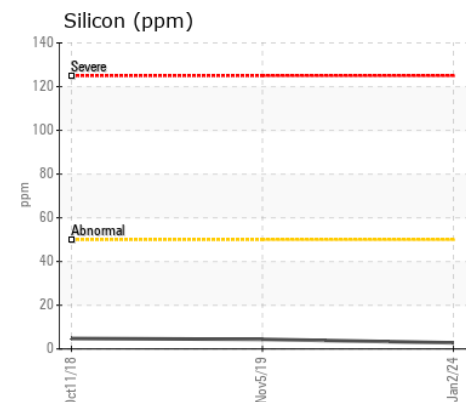
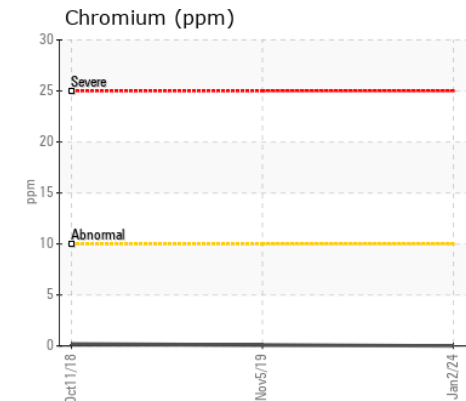
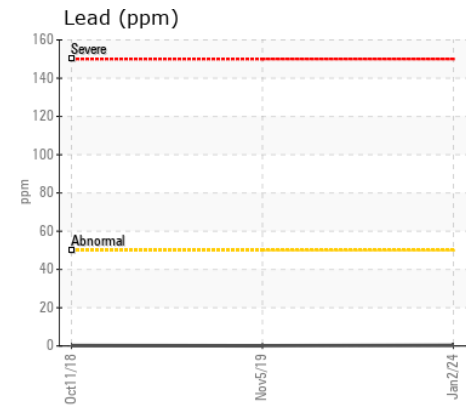
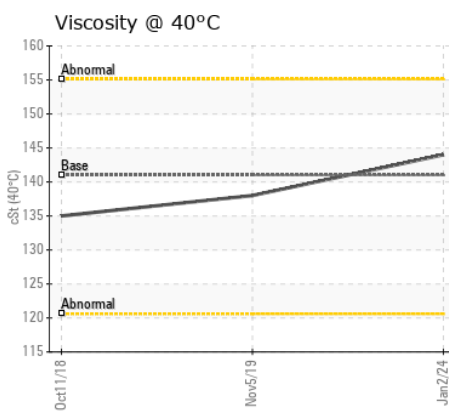
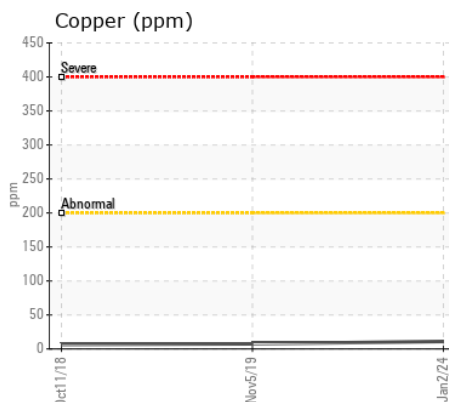
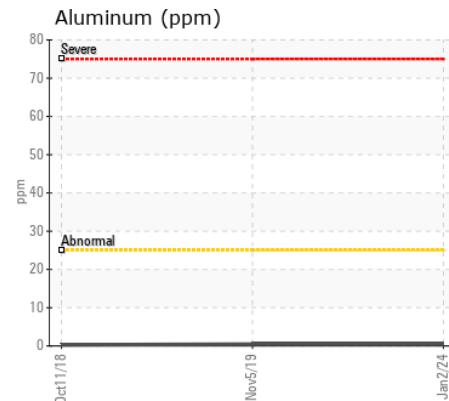
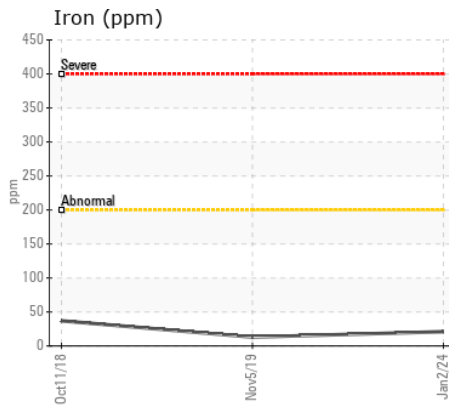
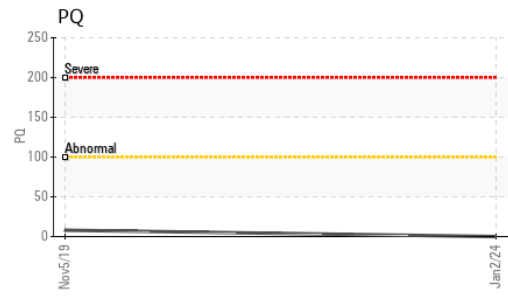
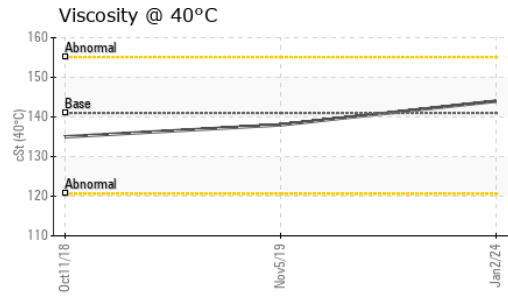
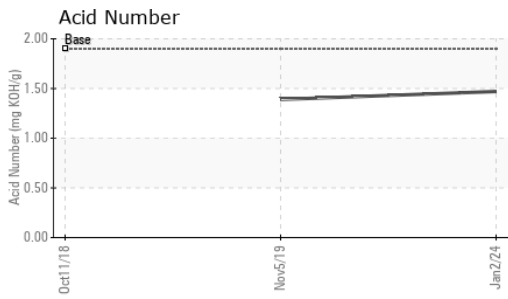
CONTAMINATION

There is no indication of any contamination in the oil.

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		WC0877846	PC0014947	PC424464
Sample Date		Client Info		02 Jan 2024	05 Nov 2019	11 Oct 2018
Machine Age	hrs	Client Info		630	3494	357
Oil Age	hrs	Client Info		55	539	45
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184*		0	8	---
Iron	ppm	ASTM D5185(m)	>200	21	13	37
Chromium	ppm	ASTM D5185(m)	>10	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	0	<1	0
Titanium	ppm	ASTM D5185(m)		0	<1	0
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>50	<1	<1	<1
Copper	ppm	ASTM D5185(m)	>200	11	8	7
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	VLITE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>50	3	4	5
Potassium	ppm	ASTM D5185(m)	>20	21	1	<1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	VLITE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
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*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		1	0	<1
Boron	ppm	ASTM D5185(m)	243	199	253	218
Barium	ppm	ASTM D5185(m)	1	0	<1	<1
Molybdenum	ppm	ASTM D5185(m)		0	<1	<1
Manganese	ppm	ASTM D5185(m)		0	<1	2
Magnesium	ppm	ASTM D5185(m)	2	1	<1	1
Calcium	ppm	ASTM D5185(m)	6	8	9	30
Phosphorus	ppm	ASTM D5185(m)	987	865	1033	957
Zinc	ppm	ASTM D5185(m)	1	12	32	41
Sulfur	ppm	ASTM D5185(m)	21530	18460	24664	24372
Acid Number (AN)	mg KOH/g	ASTM D974*	1.9	1.47	1.39	---
Visc @ 40°C	cSt	ASTM D7279(m)	141.0	144	138	135



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0877846 **Received** : 05 Jan 2024
Lab Number : 02606824 **Diagnosed** : 08 Jan 2024
Unique Number : 5707910 **Diagnostician** : Wes Davis
Test Package : MOB 2 (Additional Tests: PQ)

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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.