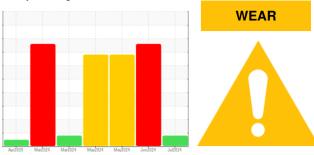


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

L-56

Front Differential

PETRO CANADA PRODURO TO-4 SAE 50 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

Wear

Gear wear is indicated.

Contamination

There is no indication of any contamination in the oil.

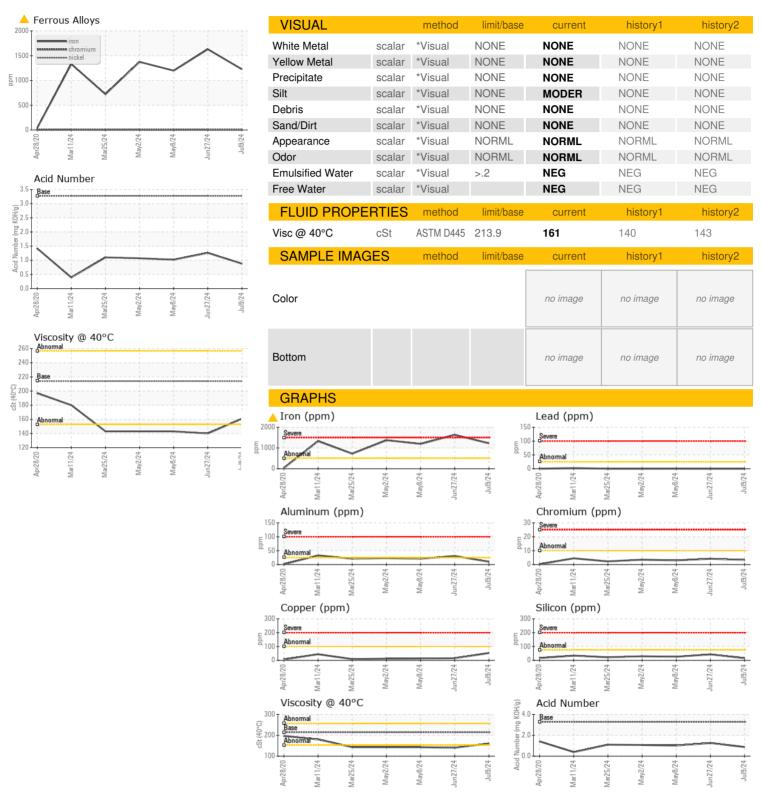
Fluid Condition

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

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0128758	PCA0128793	PCA0123775
Sample Date		Client Info		09 Jul 2024	27 Jun 2024	08 May 2024
Machine Age	hrs	Client Info		18037	17836	16959
Oil Age	hrs	Client Info		500	500	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				ABNORMAL	SEVERE	SEVERE
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG	NEG	NEG
WEAR METAL	.S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	<u> </u>	1 629	1 198
Chromium	ppm	ASTM D5185m	>10	3	<u>4</u>	A 3
Nickel	ppm	ASTM D5185m	>10	2	2	1
Titanium	ppm	ASTM D5185m		<1	1	1
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	10	△ 31	21
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>100	53	15	13
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	<1	<1
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	23	205	261
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	3	0	<1
Manganese	ppm	ASTM D5185m	0	12	24	17
Magnesium	ppm	ASTM D5185m	9	22	45	28
Calcium	ppm	ASTM D5185m	3114	3011	286	385
Phosphorus	ppm	ASTM D5185m	1099	857	1037	1065
Zinc	ppm	ASTM D5185m	1245	1039	54	111
Sulfur	ppm	ASTM D5185m	7086	4824	22147	20583
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	16	43	26
Sodium	ppm	ASTM D5185m		0	2	0
Potassium	ppm	ASTM D5185m	>20	2	<1	2
FLUID DEGRAI	OATION	method	limit/base	current	history1	history2
Acid Number (AN)	ma KOH/a	ASTM D8045	3.27	0.88	1.26	1.02



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06237128 Unique Number : 11125962

: PCA0128758 Test Package : MOB 2

Received : 15 Jul 2024 **Tested** : 19 Jul 2024

Diagnosed

: 19 Jul 2024 - Jonathan Hester

1500 COMMERCIAL AVE MINGO JUNCTION, OH US 43938

SCRAP METAL SERVICES (SMS Mill Services LLC)

Contact: STAN MANN smann@scrapmetalservices.com

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:

F: