



OIL ANALYSIS REPORT

Sample Rating Trend

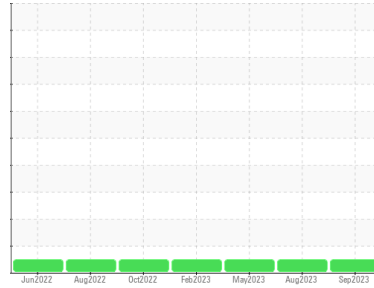
NORMAL



Machine Id
811032

Component
2 Differential
Fluid

PETRO CANADA TRAXON SYNTHETIC 75W90 (--- GAL)



DIAGNOSIS

Recommendation

Il s'agit du relevé de base de l'échantillon soumis.

Wear

Les taux d'usure de tous les composants sont normaux.

Contamination

L'échantillon reçu était insuffisant pour effectuer tous les tests de laboratoire habituels.

Fluid Condition

L'état de l'huile est acceptable pour la durée de service (non confirmée).

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC	GFL0089663	GFL0078358
Sample Date	Client Info		26 Sep 2023	22 Aug 2023	29 May 2023
Machine Age	hrs	Client Info	6031	5730	5157
Oil Age	hrs	Client Info	0	5157	5157
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >500	401	519	364
Chromium	ppm	ASTM D5185(m) >10	4	5	4
Nickel	ppm	ASTM D5185(m) >10	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	<1	<1	<1
Silver	ppm	ASTM D5185(m)	<1	0	0
Aluminum	ppm	ASTM D5185(m) >25	17	14	15
Lead	ppm	ASTM D5185(m) >25	<1	1	<1
Copper	ppm	ASTM D5185(m) >100	3	38	2
Tin	ppm	ASTM D5185(m) >10	0	<1	<1
Antimony	ppm	ASTM D5185(m) >5	0	0	<1
Vanadium	ppm	ASTM D5185(m)	0	0	0
Beryllium	ppm	ASTM D5185(m)	0	0	0
Cadmium	ppm	ASTM D5185(m)	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 328	181	204	201
Barium	ppm	ASTM D5185(m) 1	16	17	16
Molybdenum	ppm	ASTM D5185(m)	0	<1	0
Manganese	ppm	ASTM D5185(m)	20	24	20
Magnesium	ppm	ASTM D5185(m) 1	6	6	5
Calcium	ppm	ASTM D5185(m) 7	17	16	14
Phosphorus	ppm	ASTM D5185(m) 1145	1288	1468	1487
Zinc	ppm	ASTM D5185(m) 3	21	24	20
Sulfur	ppm	ASTM D5185(m) 17909	21433	22374	23384
Lithium	ppm	ASTM D5185(m)	2	2	2

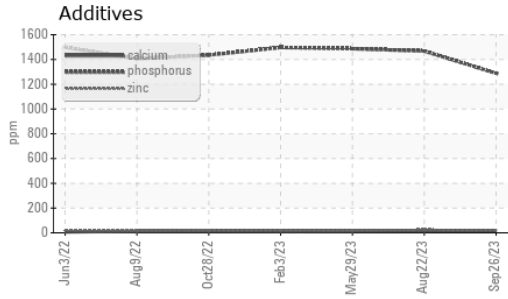
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >75	86	96	70
Sodium	ppm	ASTM D5185(m)	14	14	14
Potassium	ppm	ASTM D5185(m) >20	4	4	4

VISUAL

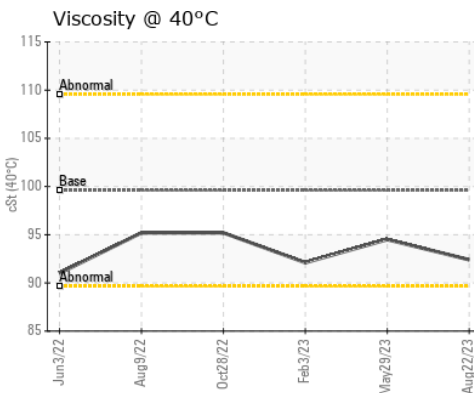
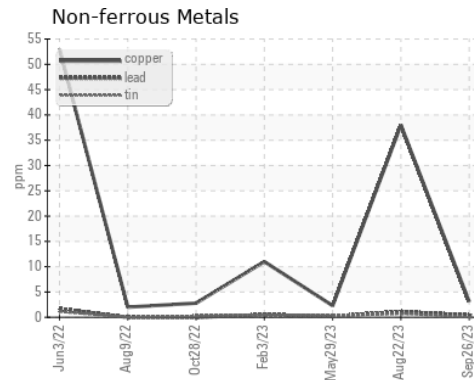
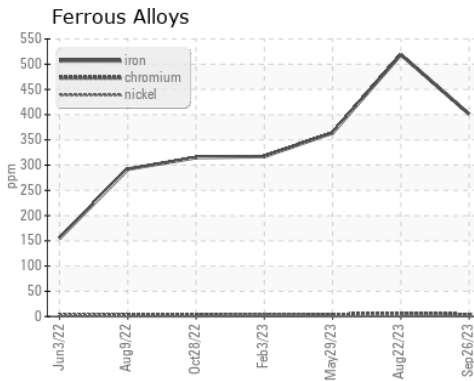
	method	limit/base	current	history1	history2
White Metal	scalar	Visual* NONE	VLITE	NONE	VLITE
Yellow Metal	scalar	Visual* NONE	NONE	NONE	NONE
Precipitate	scalar	Visual* NONE	NONE	NONE	NONE
Silt	scalar	Visual* NONE	VLITE	NONE	VLITE
Debris	scalar	Visual* NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual* NONE	NONE	NONE	NONE
Appearance	scalar	Visual* NORML	NORML	NORML	NORML
Odor	scalar	Visual* NORML	NORML	NORML	NORML

OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 732 - Beauce - Hauling - Solid Waste
Sample No. : WC **Received** : 12 Oct 2023
Lab Number : 02588782 **Diagnosed** : 16 Oct 2023
Unique Number : 5657848 **Diagnostician** : Kevin Marson
Test Package : TEST (Additional Tests: ICP)

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.

139, 181 Street,
 Beauceville, QC
 CA G5X 2S9
 Contact: Sandrine Duval
 sduval@matrec.ca
 T: (418)774-5275
 F: (418)774-5292