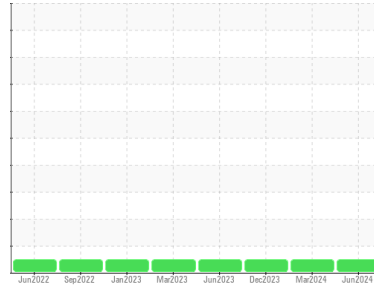


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
(SP-01-0130)
Machine Id
SM-CYCLO CHHS-6215Y-11 Ecorceur Nicholson (S/N 0N0070633)
Component
Gearbox
Fluid
PETRO CANADA ENDURATEX EP 150 (16 LTR)

DIAGNOSIS

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

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PC0088483	PC0078627	PC0078629
Sample Date	Client Info	20 Jun 2024	19 Mar 2024	18 Dec 2023
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	400	400
Oil Changed	Client Info	Changed	Changed	Changed
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.2	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >200	44	101	120
Chromium	ppm ASTM D5185(m) >15	<1	<1	<1
Nickel	ppm ASTM D5185(m) >15	<1	0	<1
Titanium	ppm ASTM D5185(m)	0	0	0
Silver	ppm ASTM D5185(m)	0	0	0
Aluminum	ppm ASTM D5185(m) >25	<1	0	<1
Lead	ppm ASTM D5185(m) >100	0	0	<1
Copper	ppm ASTM D5185(m) >200	5	<1	2
Tin	ppm ASTM D5185(m) >25	0	0	0
Antimony	ppm ASTM D5185(m) >5	<1	0	0
Vanadium	ppm ASTM D5185(m)	0	0	0
Beryllium	ppm ASTM D5185(m)	0	0	0
Cadmium	ppm ASTM D5185(m)	0	0	0

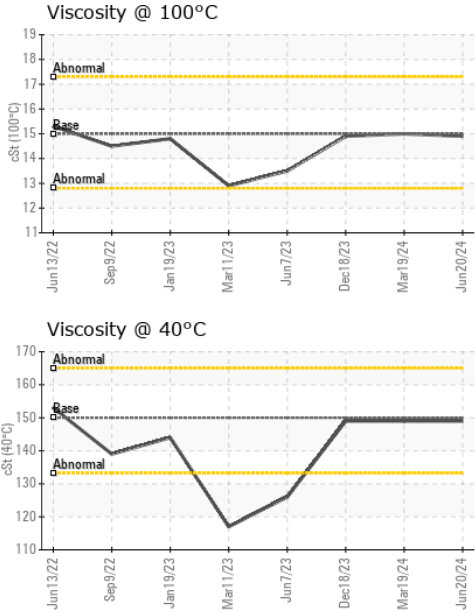
ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m) 55	23	43	62
Barium	ppm ASTM D5185(m) 0	0	0	0
Molybdenum	ppm ASTM D5185(m) 0	0	0	0
Manganese	ppm ASTM D5185(m) 0	<1	0	<1
Magnesium	ppm ASTM D5185(m) 2	<1	<1	2
Calcium	ppm ASTM D5185(m) 6	9	9	13
Phosphorus	ppm ASTM D5185(m) 250	162	238	286
Zinc	ppm ASTM D5185(m) 3	8	6	7
Sulfur	ppm ASTM D5185(m) 7500	5463	5408	5565
Lithium	ppm ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >50	9	4	5
Sodium	ppm ASTM D5185(m)	0	<1	0
Potassium	ppm ASTM D5185(m) >20	<1	<1	<1

OIL ANALYSIS REPORT

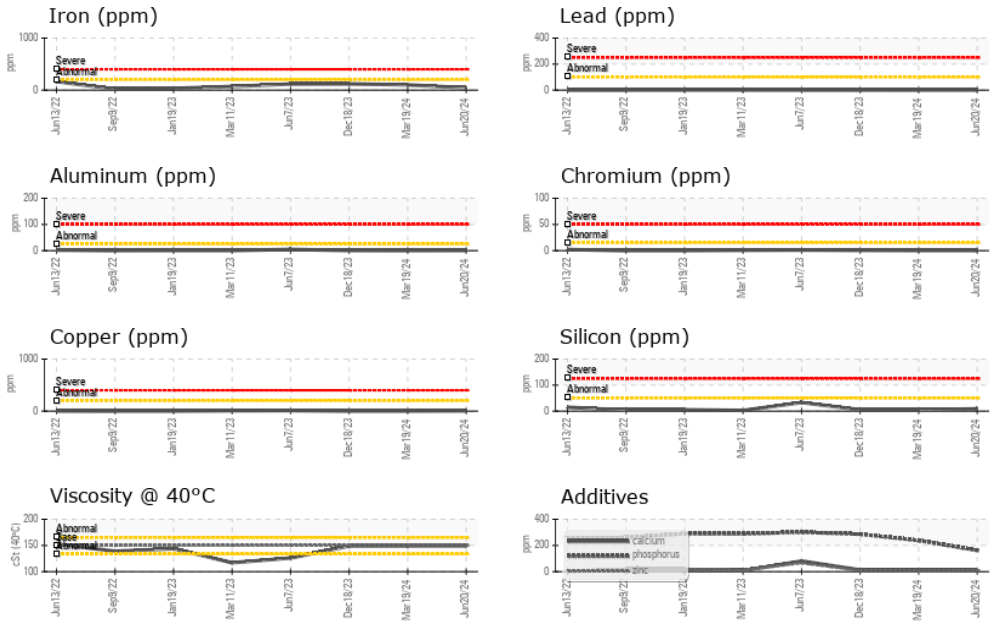


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	150.0	149	149
Visc @ 100°C	cSt	ASTM D7279(m)	15.0	14.9	14.9
Viscosity Index (VI)	Scale	ASTM D2270*	100	100	99

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088483 **Received** : 24 Jun 2024
Lab Number : 02643819 **Tested** : 24 Jun 2024
Unique Number : 5801358 **Diagnosed** : 24 Jun 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: KV100, VI)

DAAQUAM
 43 RANG 6
 ST-PAMPHILE, QC
 CA 60R 3X0

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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 F: x: