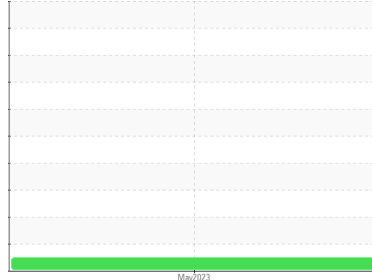


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
HYDREX XV

Component
New (Unused) Oil

Fluid
PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL (--- GAL)

DIAGNOSIS

Recommendation

Il s'agit du relevé de base de cette huile neuve (inutilisée). Le fluide peut servir.

Wear

{sans objet}

Contamination

Il n'y a aucun indice de contamination dans le huile (inutilisée) neuve.

Fluid Condition

L'état de l'huile permet d'en l'utilisation.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PC0058922	---	---
Sample Date	Client Info	17 May 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		NORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m)	<1	---	---
Chromium	ppm ASTM D5185(m)	0	---	---
Nickel	ppm ASTM D5185(m)	0	---	---
Titanium	ppm ASTM D5185(m)	0	---	---
Silver	ppm ASTM D5185(m)	0	---	---
Aluminum	ppm ASTM D5185(m)	<1	---	---
Lead	ppm ASTM D5185(m)	0	---	---
Copper	ppm ASTM D5185(m)	0	---	---
Tin	ppm ASTM D5185(m)	0	---	---
Antimony	ppm ASTM D5185(m)	<1	---	---
Vanadium	ppm ASTM D5185(m)	0	---	---
Beryllium	ppm ASTM D5185(m)	0	---	---
Cadmium	ppm ASTM D5185(m)	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	0	9	---
Barium	ppm ASTM D5185(m)	0	0	---
Molybdenum	ppm ASTM D5185(m)	0	0	---
Manganese	ppm ASTM D5185(m)	1	0	---
Magnesium	ppm ASTM D5185(m)	0	<1	---
Calcium	ppm ASTM D5185(m)	100	107	---
Phosphorus	ppm ASTM D5185(m)	670	656	---
Zinc	ppm ASTM D5185(m)	850	758	---
Sulfur	ppm ASTM D5185(m)	1600	1498	---
Lithium	ppm ASTM D5185(m)		<1	---

CONTAMINANTS

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

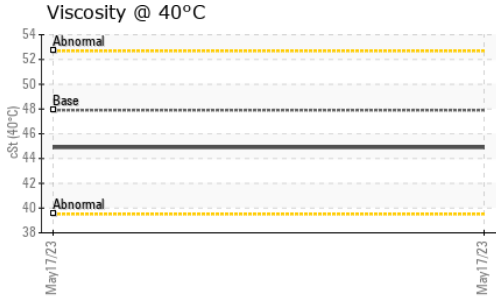
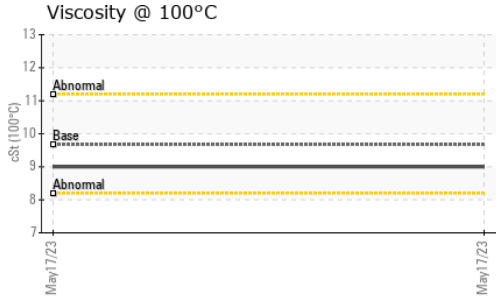
INFRA-RED

method	limit/base	current	history1	history2
Soot %	% ASTM D7844*	0	---	---
Nitration	Abs/cm ASTM D7624*	2.1	---	---
Sulfation	Abs/.1mm ASTM D7415*	36.3	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation	Abs/.1mm ASTM D7414*	29.1	---	---

OIL ANALYSIS REPORT

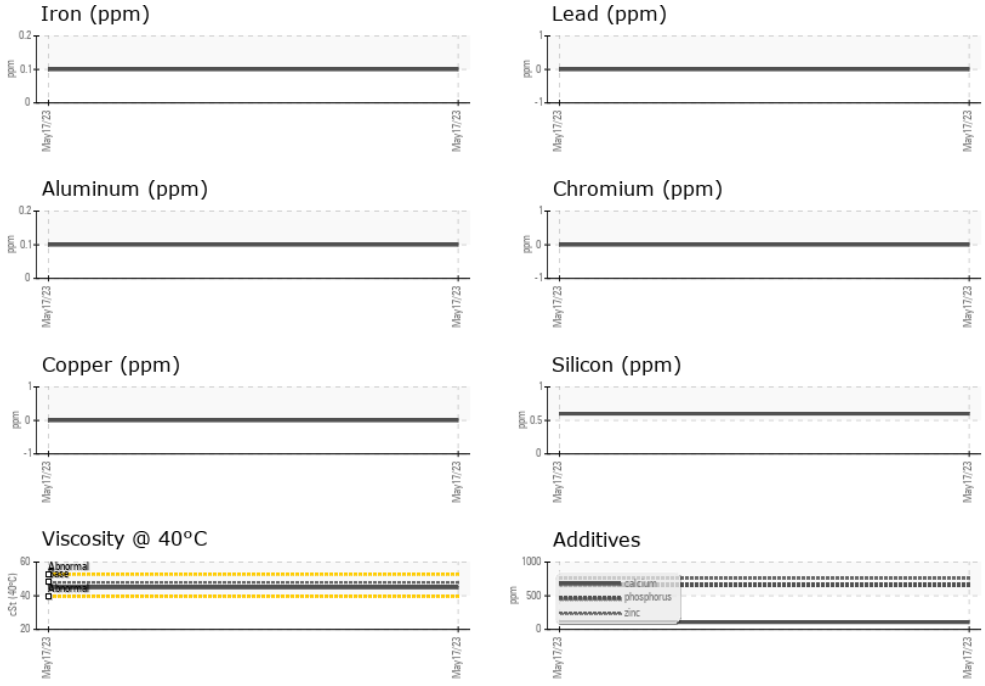


VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	47.9	44.9	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	9.67	9	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	192	186	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0058922 **Received** : 29 May 2023
Lab Number : 02560250 **Diagnosed** : 30 May 2023
Unique Number : 5581290 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: FT-IR, ICP-NewOil, KV100, VI)

TRANSPORT GDM
 2044 CH MADORE
 COATICOOK, QC
 CA J1A 2S5
 Contact: Service Manager

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.

T:
F: