

Machine Id  
**MOSYN52**  
Component  
**New (Unused) Oil**  
Fluid  
**PETRO CANADA SUPREME 5W20 MOTOR OIL (--- GAL)**

**RECOMMENDATION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0049971</b>	---	---
Sample Date		Client Info		<b>06 Jun 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

{sans objet}

Iron	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Chromium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)		<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)		<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)		<b>0</b>	---	---
Tin	ppm	ASTM D5185(m)		<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

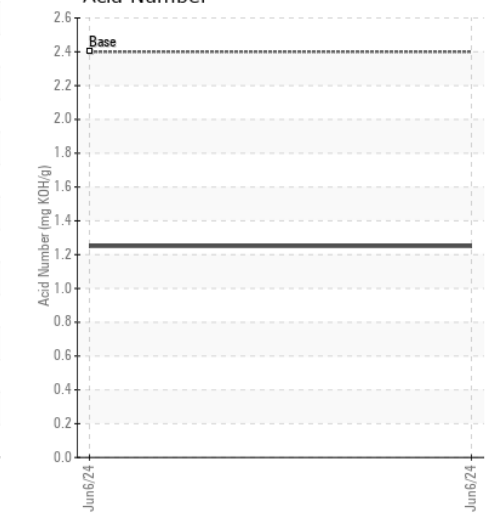
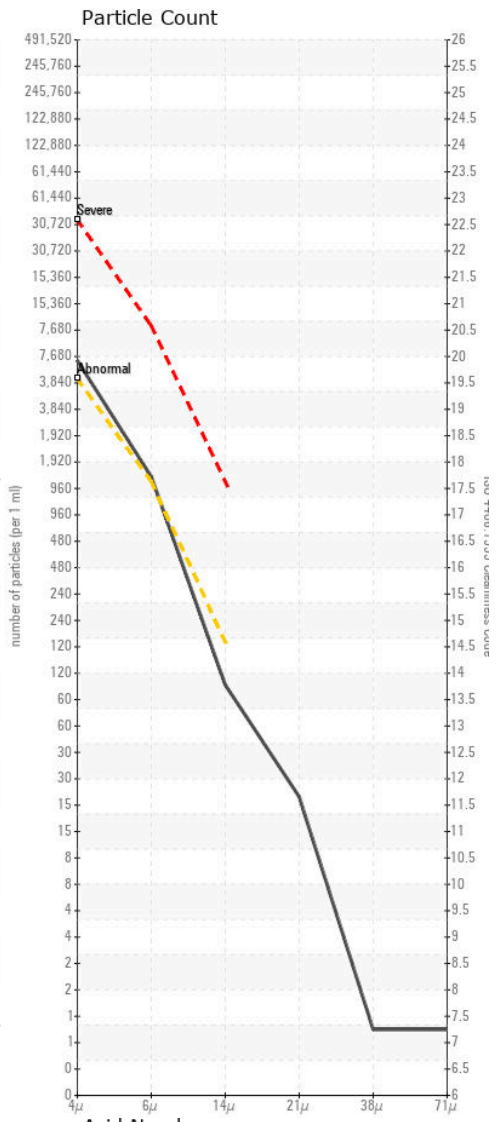
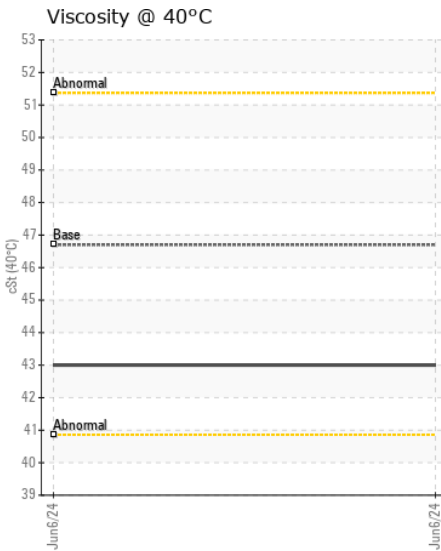
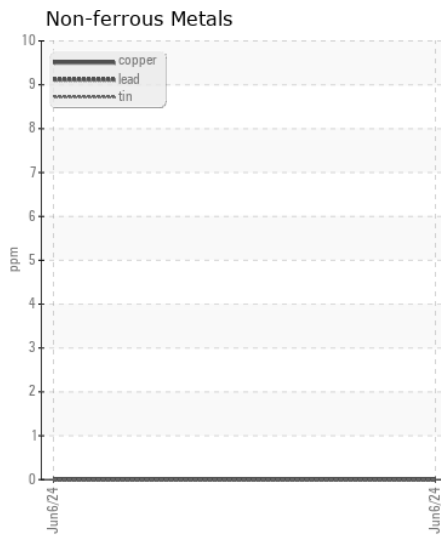
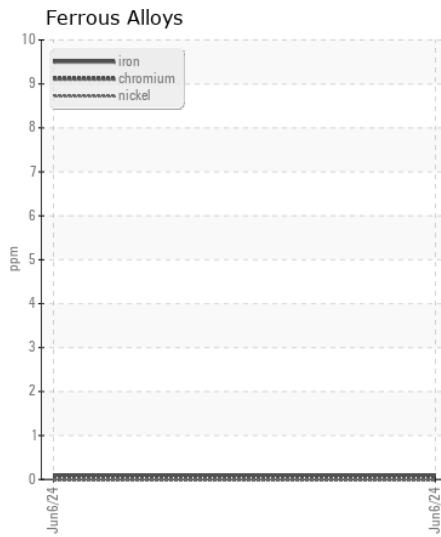
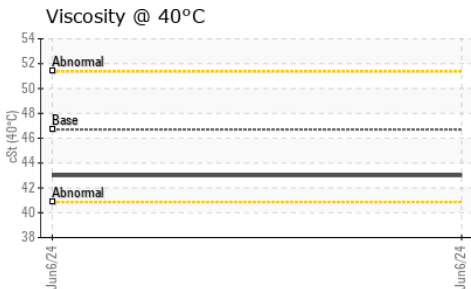
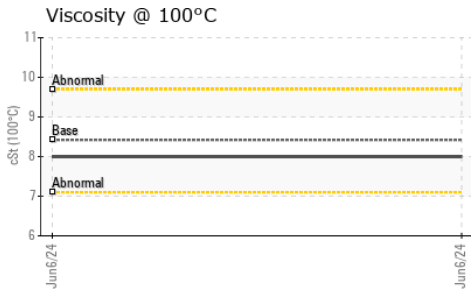
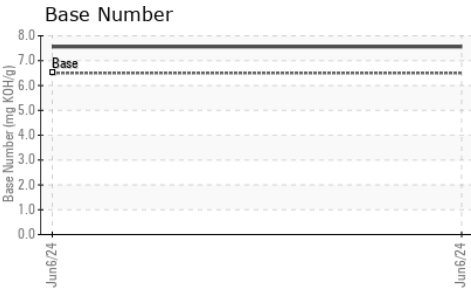
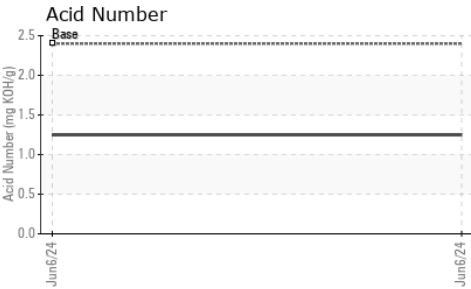
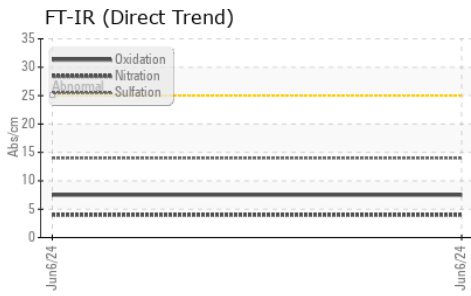
Il n'y a aucun indice de contamination dans le huile (inutilisée) neuve.

Silicon	ppm	ASTM D5185(m)		<b>7</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Water		WC Method		<b>NEG</b>	---	---
Soot %	%	ASTM D7844*		<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*		<b>4.0</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*		<b>14.0</b>	---	---
Particles >4µm		ASTM D7647	>5000	<b>6346</b>	---	---
Particles >6µm		ASTM D7647	>1300	<b>1386</b>	---	---
Particles >14µm		ASTM D7647	>160	<b>91</b>	---	---
Particles >21µm		ASTM D7647	>40	<b>21</b>	---	---
Particles >38µm		ASTM D7647	>10	<b>1</b>	---	---
Particles >71µm		ASTM D7647	>3	<b>1</b>	---	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<b>20/18/14</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*		<b>NEG</b>	---	---

**FLUID CONDITION**

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en l'utilisation.

Sodium	ppm	ASTM D5185(m)		<b>1</b>	---	---
Boron	ppm	ASTM D5185(m)	183	<b>194</b>	---	---
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	36	<b>66</b>	---	---
Manganese	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	417	<b>502</b>	---	---
Calcium	ppm	ASTM D5185(m)	1318	<b>1094</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	773	<b>628</b>	---	---
Zinc	ppm	ASTM D5185(m)	845	<b>693</b>	---	---
Sulfur	ppm	ASTM D5185(m)	2690	<b>2267</b>	---	---
Oxidation	Abs/.1mm	ASTM D7414*		<b>7.5</b>	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*	2.4	<b>1.25</b>	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*	6.5	<b>7.56</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	46.7	<b>43.0</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	8.42	<b>8.0</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	158	<b>160</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0049971 **Received** : 13 Jun 2024  
**Lab Number** : 02641683 **Tested** : 17 Jun 2024  
**Unique Number** : 5799222 **Diagnosed** : 17 Jun 2024 - Kevin Marson  
**Test Package** : MOB 2 ( Additional Tests: FT-IR, ICP-NewOil, KV100, PrcCount, TBN, Viscosity)

**TOYOTA**  
 1922 O. STE. CATHERINE W.  
 MONTREAL, QC  
 CA H3H 1M4  
 Contact: CAROLE LABRECHE

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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