



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>ABNORMAL</b>



Machine Id  
**812049**  
Component  
**Unknown Component**  
Fluid  
**PETRO CANADA DURON SHP 10W30 (--- GAL)**

**RECOMMENDATION**

Vu la faible quantité d'informations pour cet équipement et son lubrifiant, les recommandations sont d'ordre général et peuvent ne pas s'appliquer à cette application. Veuillez nous transmettre les informations sur l'équipement, la contenance du réservoir, le type de lubrifiant et toute autre information pertinente pour une évaluation plus précise. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide était spécifié comme PETRO CANADA DURON SHP 10W30, toutefois, une comparaison avec d'autres fluides indiquent que ce fluide est du SAE 15W40 Diesel Engine Oil. Veuillez confirmer la viscosité de l'huile et veuillez préciser la marque de votre prochain échantillon. Veuillez fournir des données plus complètes lors du prochain échantillon.

**WEAR**

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

**CONTAMINATION**

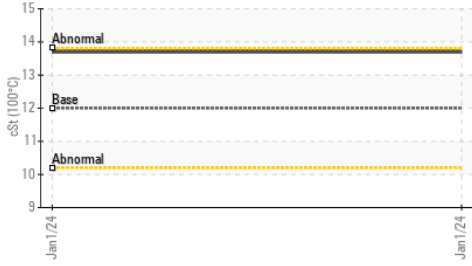
Il n'y a aucun indice de contamination dans l'échantillon.

**FLUID CONDITION**

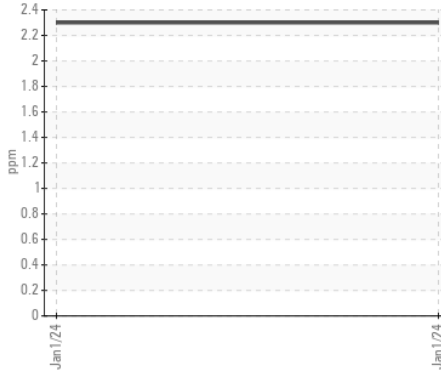
La viscosité de l'échantillon se situe dans la portée de l'SAE 15W40; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'échantillon est acceptable pour la durée de service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0088678</b>	---	---
Sample Date		Client Info		<b>01 Jan 2024</b>	---	---
Machine Age	kms	Client Info		<b>25252</b>	---	---
Oil Age	kms	Client Info		<b>0</b>	---	---
Filter Age	kms	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>ABNORMAL</b>	---	---
Iron	ppm	ASTM D5185(m)		<b>2</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>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>	---	---
Silicon	ppm	ASTM D5185(m)		<b>5</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	---	---
Water		WC Method		<b>NEG</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>	---	---
Sodium	ppm	ASTM D5185(m)		<b>2</b>	---	---
Boron	ppm	ASTM D5185(m)	2	<b>114</b>	---	---
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	50	<b>22</b>	---	---
Manganese	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	950	<b>279</b>	---	---
Calcium	ppm	ASTM D5185(m)	1050	<b>1839</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	995	<b>837</b>	---	---
Zinc	ppm	ASTM D5185(m)	1180	<b>959</b>	---	---
Sulfur	ppm	ASTM D5185(m)	2600	<b>2463</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	80.1	<b>▲ 99.3</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	<b>▲ 13.7</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	144	<b>138</b>	---	---

▲ Viscosity @ 100°C



Iron (ppm)



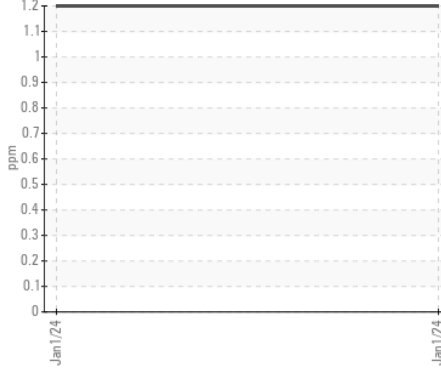
Lead (ppm)



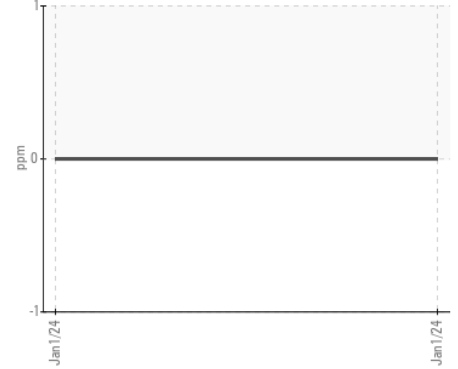
▲ Viscosity @ 40°C



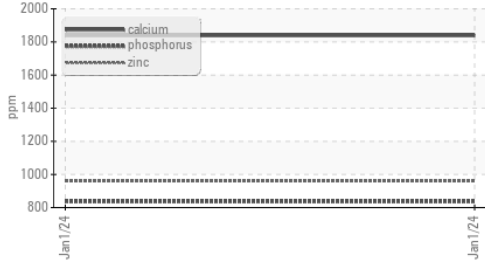
Aluminum (ppm)



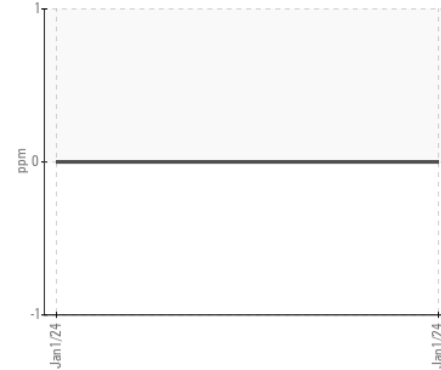
Chromium (ppm)



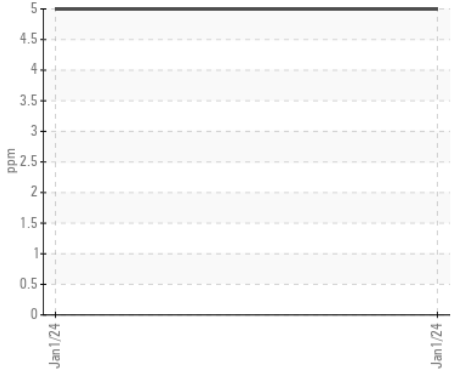
Additives



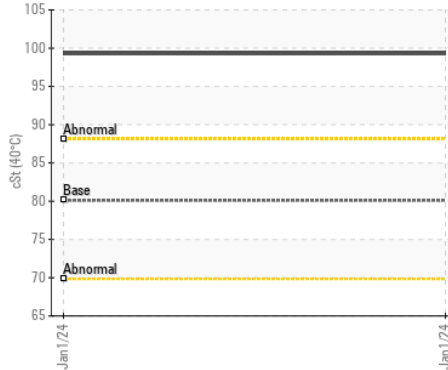
Copper (ppm)



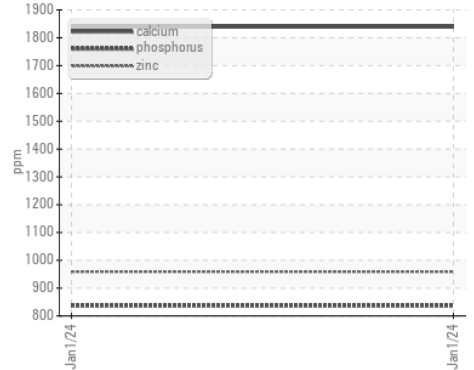
Silicon (ppm)



▲ Viscosity @ 40°C



Additives



ISO 17025:2017  
Accredited  
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : PC0088678

Lab Number : 02634363

Unique Number : 5775516

Test Package : MOB 1 ( Additional Tests: KV100, VI )

Received : 09 May 2024

Tested : 09 May 2024

Diagnosed : 10 May 2024 - Kevin Marson

GFL Environmental - 737 - Quebec City Hauling

6205 Boul. Wilfrid Hamel,

Quebec City, QC

CA G2E 5G8

Contact: Dave Beaulieu

davebeaulieu@matrec.ca

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: