



Machine Id
823338
 Component
Rear Diesel Engine
 Fluid
PETRO CANADA DURON HP 15W40 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons de rincer complètement le composant avant de le remplir l'huile. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez noter que l'huile était trop épaisse pour permettre d'effectuer certains des tests habituels de laboratoire.

WEAR

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

CONTAMINATION

Le test de glycol est positif.

FLUID CONDITION

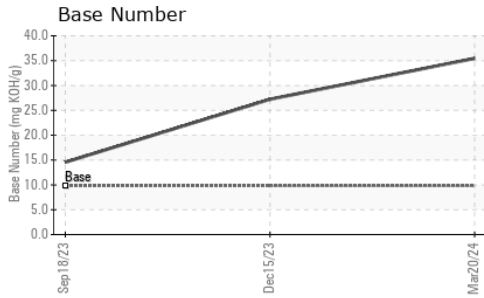
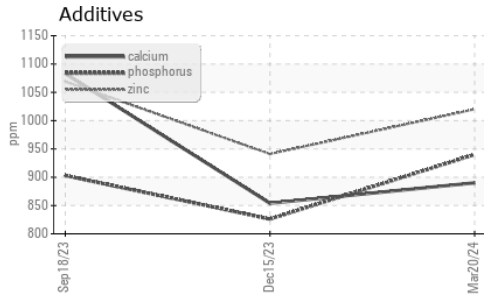
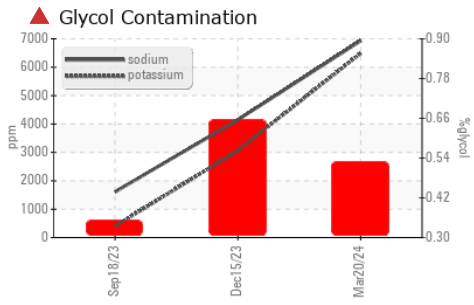
l'huile ne peut plus être utilisée en raison de la présence de contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0086818	PC0079705	PC0074442
Sample Date		Client Info		20 Mar 2024	15 Dec 2023	18 Sep 2023
Machine Age	kms	Client Info		875035	857107	840916
Oil Age	kms	Client Info		7318	16191	22676
Filter Age	kms	Client Info		7318	16191	22676
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				SEVERE	SEVERE	SEVERE

Iron	ppm	ASTM D5185(m)	>100	70	86	▲ 210
Chromium	ppm	ASTM D5185(m)	>20	<1	6	▲ 20
Nickel	ppm	ASTM D5185(m)	>4	0	1	4
Titanium	ppm	ASTM D5185(m)		0	0	2
Silver	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	<1	11	▲ 52
Lead	ppm	ASTM D5185(m)	>40	<1	20	13
Copper	ppm	ASTM D5185(m)	>330	<1	9	11
Tin	ppm	ASTM D5185(m)	>15	0	1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

Silicon	ppm	ASTM D5185(m)	>25	70	102	101
Potassium	ppm	ASTM D5185(m)	>20	▲ 6490	▲ 3062	▲ 401
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		▲ 0.528	▲ 0.654	▲ 0.351
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	NORML	NORML

Sodium	ppm	ASTM D5185(m)		● 6930	● 4146	● 1610
Boron	ppm	ASTM D5185(m)	0	50	210	122
Barium	ppm	ASTM D5185(m)	0	0	<1	<1
Molybdenum	ppm	ASTM D5185(m)	60	390	182	83
Manganese	ppm	ASTM D5185(m)	0	0	<1	2
Magnesium	ppm	ASTM D5185(m)	1010	800	643	843
Calcium	ppm	ASTM D5185(m)	1070	890	854	1083
Phosphorus	ppm	ASTM D5185(m)	1150	940	826	903
Zinc	ppm	ASTM D5185(m)	1270	1020	941	1069
Sulfur	ppm	ASTM D5185(m)	2060	2450	2250	2512
Base Number (BN)	mg KOH/g	ASTM D2896*	9.8	35.46	27.23	14.56



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0086818 **Received** : 15 May 2024
Lab Number : 02635916 **Tested** : 17 May 2024
Unique Number : 5785078 **Diagnosed** : 17 May 2024 - Kevin Marson
Test Package : TEST (Additional Tests: ICP, TBN)

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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.