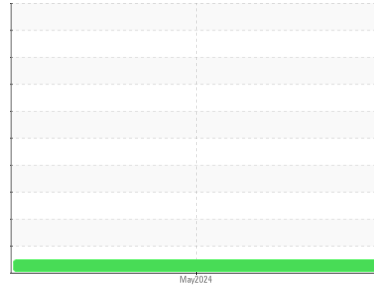




Machine Id
KENWORTH 1222
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 10W30 (--- GAL)



DIAGNOSIS

Recommendation
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

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

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

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 prolonger l'utilisation.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PC0079708	---	---
Sample Date	Client Info			24 May 2024	---	---
Machine Age	kms	Client Info		606737	---	---
Oil Age	kms	Client Info		18650	---	---
Oil Changed	Client Info			Changed	---	---
Sample Status				NORMAL	---	---

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method	>3.0		<1.0	---	---
Water	WC Method	>0.2		NEG	---	---
Glycol	WC Method			NEG	---	---

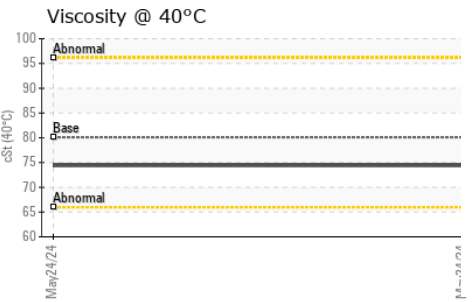
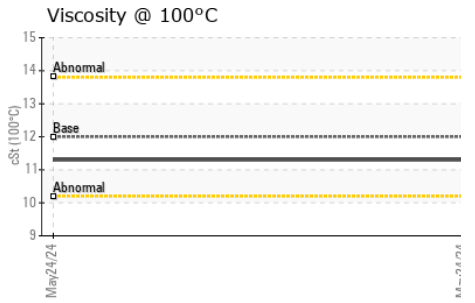
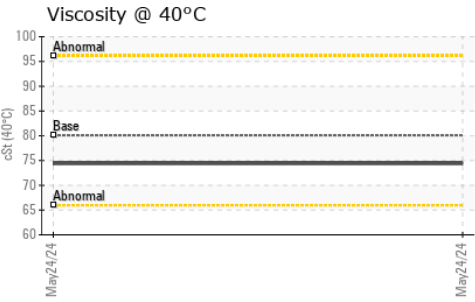
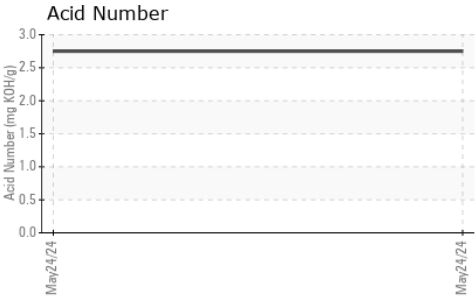
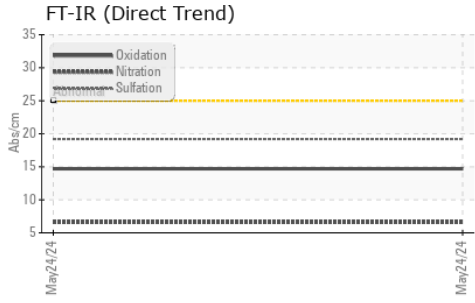
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>90	7	---	---
Chromium	ppm	ASTM D5185(m)	>20	<1	---	---
Nickel	ppm	ASTM D5185(m)	>2	<1	---	---
Titanium	ppm	ASTM D5185(m)	>2	0	---	---
Silver	ppm	ASTM D5185(m)	>2	<1	---	---
Aluminum	ppm	ASTM D5185(m)	>20	2	---	---
Lead	ppm	ASTM D5185(m)	>40	0	---	---
Copper	ppm	ASTM D5185(m)	>330	<1	---	---
Tin	ppm	ASTM D5185(m)	>15	0	---	---
Antimony	ppm	ASTM D5185(m)		0	---	---
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)	2	4	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	50	57	---	---
Manganese	ppm	ASTM D5185(m)	0	0	---	---
Magnesium	ppm	ASTM D5185(m)	950	944	---	---
Calcium	ppm	ASTM D5185(m)	1050	1105	---	---
Phosphorus	ppm	ASTM D5185(m)	995	1014	---	---
Zinc	ppm	ASTM D5185(m)	1180	1217	---	---
Sulfur	ppm	ASTM D5185(m)	2600	2652	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	3	---	---
Sodium	ppm	ASTM D5185(m)		1	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>6	0.1	---	---
Nitration	Abs/cm	ASTM D7624*	>20	6.6	---	---
Sulfation	Abs./1mm	ASTM D7415*	>30	19.2	---	---

OIL ANALYSIS REPORT

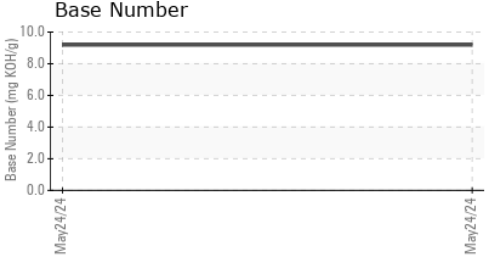
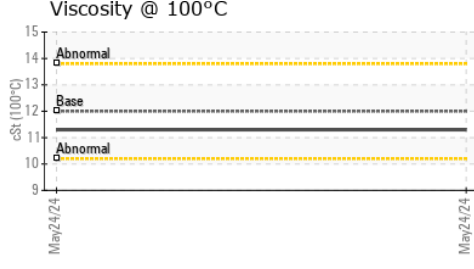
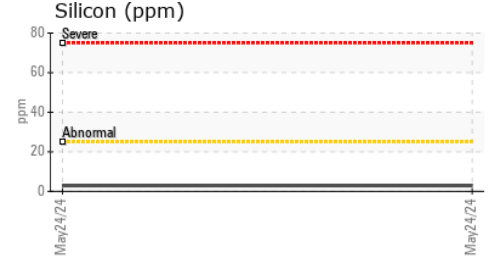
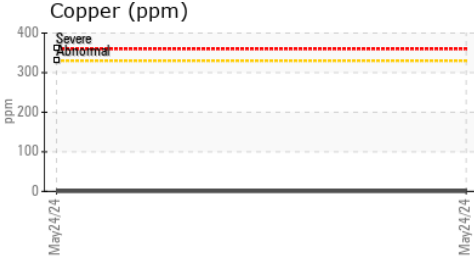
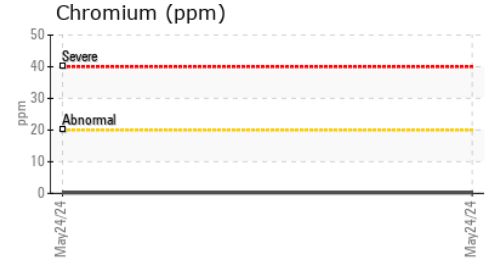
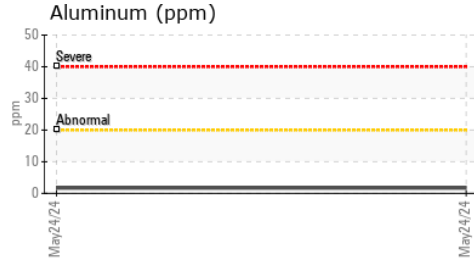
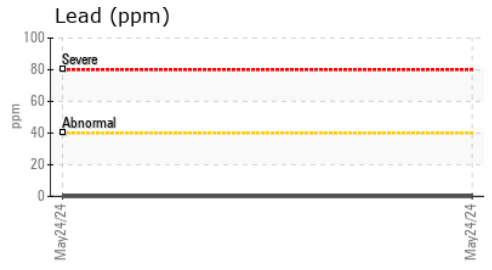
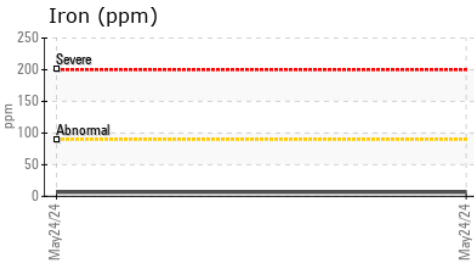


FLUID DEGRADATION						
	method	limit/base	current	history1	history2	
Oxidation	Abs./1mm	ASTM D7414*	>25	14.7	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		2.75	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*		9.19	---	---

VISUAL						
	method	limit/base	current	history1	history2	
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES						
	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	80.1	74.4	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	11.3	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	144	143	---	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0079708
Lab Number : 02642505
Unique Number : 5800044
Test Package : MOB 2 (Additional Tests: KV40, TAN Auto, TAN Man, VI, Visual)

HUILES DESROCHES INC.
 915 RUE PHILIPPE-PARADIS, LOCAL 115
 QUEBEC, QC
 CA G1N 4E3
 Contact: David Labrecque
 david.labrecque@groupe-desroches.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: (418)621-5150
 F: (418)621-0822