



OIL ANALYSIS REPORT

Machine Id
WL0471
 Component
Unknown Component
 Fluid
DIESEL ENGINE OIL SAE 30 (--- GAL)

Sample Rating Trend



VISUAL METAL



DIAGNOSIS

▲ 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. Nous vous recommandons de vérifier la présence de particules métalliques visibles dans l'échantillon. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiquent que ce fluide est du (GENERIC) DIESEL ENGINE OIL SAE 30. Veuillez confirmer. Veuillez fournir des données plus complètes lors du prochain échantillon.

▲ Wear

Présence d'une faible concentration de métal visible. Usure anormale est indiquée.

Contamination

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

Fluid Condition

l'échantillon n'est plus en état de service en raison d'une usure anormale et/ou sévère.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0118337	---	---
Sample Date	Client Info	13 May 2024	---	---
Machine Age	hrs Client Info	759	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

CONTAMINATION

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

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m)	179	---	---
Chromium	ppm ASTM D5185(m)	3	---	---
Nickel	ppm ASTM D5185(m)	6	---	---
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)	▲ 15	---	---
Tin	ppm ASTM D5185(m)	<1	---	---
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

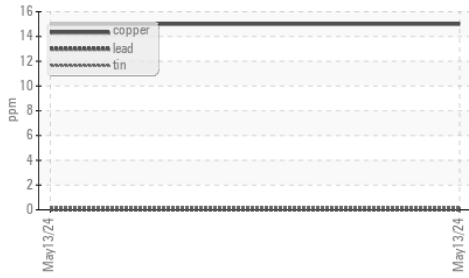
method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m) 250	100	---	---
Barium	ppm ASTM D5185(m) 10	1	---	---
Molybdenum	ppm ASTM D5185(m) 100	0	---	---
Manganese	ppm ASTM D5185(m)	5	---	---
Magnesium	ppm ASTM D5185(m) 450	10	---	---
Calcium	ppm ASTM D5185(m) 3000	3428	---	---
Phosphorus	ppm ASTM D5185(m) 1150	1147	---	---
Zinc	ppm ASTM D5185(m) 1350	1386	---	---
Sulfur	ppm ASTM D5185(m) 4250	2666	---	---
Lithium	ppm ASTM D5185(m)	<1	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	11	---	---
Sodium	ppm ASTM D5185(m) >75	17	---	---
Potassium	ppm ASTM D5185(m) >20	1	---	---

OIL ANALYSIS REPORT

▲ Non-ferrous Metals



Viscosity @ 40°C



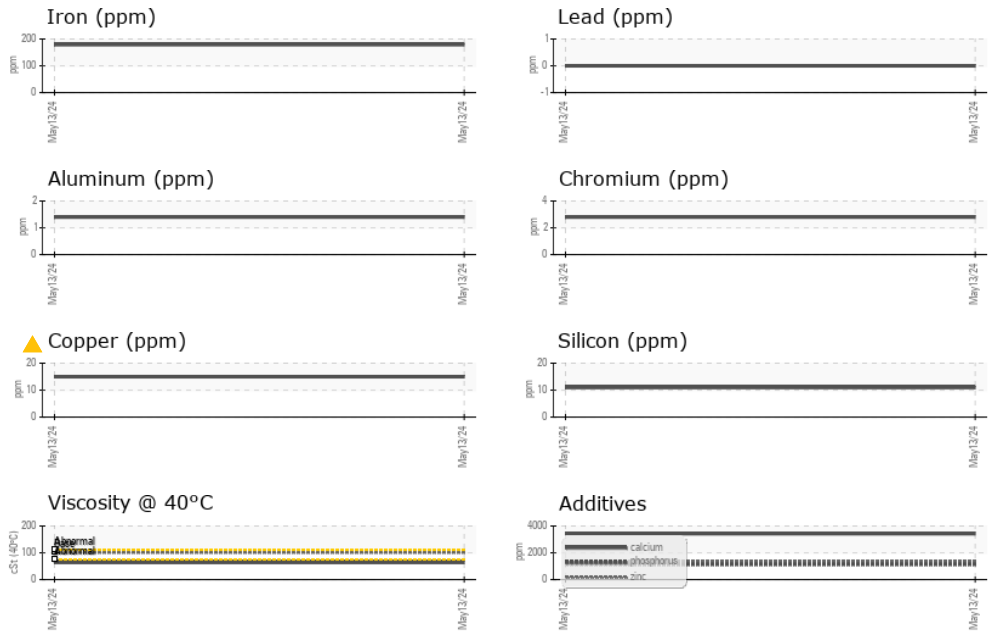
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE ▲ LIGHT	---	---
Yellow Metal	scalar	Visual*	NONE VLITE	---	---
Precipitate	scalar	Visual*	NONE NONE	---	---
Silt	scalar	Visual*	NONE NONE	---	---
Debris	scalar	Visual*	NONE NONE	---	---
Sand/Dirt	scalar	Visual*	NONE NONE	---	---
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)	101	64.2	---	---

SAMPLE IMAGES

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 743 - Montreal Est CD Processing
Sample No. : GFL0118337 **Received** : 15 May 2024 10930 rue Sherbrooke
Lab Number : 02635742 **Tested** : 17 May 2024 Montreal, QC
Unique Number : 5776895 **Diagnosed** : 17 May 2024 - Kevin Marson CA H1B 1B4
Test Package : MOB 1 (Additional Tests: BottomAnalysis, FILTERPATCH) Contact: Patrick Beaulieu
 patrick.beaulieu@gflenv.com

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.