

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R936 052075-1828 - Diesel Engine

Sample No: LH0284402

Oil Type: PETRO CANADA DURON UHP 5W30



#### SAMPLE INFORMATION

Sample Number	LH0284402	LH0242412	---	---
Sample Date	08 Feb 2024	24 Oct 2022	---	---
Machine Hours	3032	1489	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

Entreprises S. Besner Inc.

650 Route 201

Saint-Clet, QC

CA J0P 1S0

Contact: Tristan

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#### OIL CONDITION

Visc @ 100°C	cSt	11.3	11.0	---	---
Oxidation (PA)	%	77	108	---	---



#### CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0	0	---	---
Nitration (PA)	%	80	92	---	---
Sulfation (PA)	%	56	70	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	1.5	---	---
Silicon	ppm	6	9	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	<1	<1	---	---

#### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



#### WEAR METALS

Iron	ppm	4	11	---	---
Copper	ppm	2	115	---	---
Lead	ppm	0	4	---	---
Tin	ppm	0	1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	56	58	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	827	918	---	---
Magnesium	ppm	1069	1073	---	---
Zinc	ppm	1176	1159	---	---
Phosphorus	ppm	999	976	---	---
Barium	ppm	0	3	---	---
Boron	ppm	27	18	---	---

Depot: ENT650STC

Unique No: 5724631

Signed: Wes Davis

Report Date: 14 Feb 2024



### GRAPHS

