

LIEBHERR

CONSTRUCTION EQUIPMENT



OR1855 - Swing Drive

Sample No: LH0261142

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



GFL Environmental - 766 - Drummondville - Hauling - Solid Waste
1005, rue Rhea,
Drummondville, QC
CA J2B 8A9
Contact: Eric Duchesneau
EDuchesneau@matrec.ca
T: (819)395-4355
F:



SAMPLE INFORMATION

Sample Number	LH0261142	LH0235137	---	---
Sample Date	12 Jul 2023	01 Nov 2022	---	---
Machine Hours	0	530	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	167	182	---	---
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CONTAMINATION

Silicon	ppm	8	6	---	---
Sodium	ppm	4	3	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	153	129	---	---
Copper	ppm	141	63	---	---
Lead	ppm	4	2	---	---
Tin	ppm	11	5	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	3	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	71	35	---	---
Magnesium	ppm	45	1	---	---
Zinc	ppm	83	27	---	---
Phosphorus	ppm	2222	2404	---	---
Barium	ppm	3	2	---	---
Boron	ppm	8	7	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 90; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Depot: GFL766
Unique No: 5607250
Signed: Wes Davis
Report Date: 14 Jul 2023



GRAPHS

