

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 053535-1484 - Front Differential

Sample No: LH0261062

Oil Type: GEAR OIL SAE 80W90



Les Entreprises Forestieres V. Labranche Inc.
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SAMPLE INFORMATION

Sample Number	LH0261062	LH0152886	---	---
Sample Date	24 Jul 2023	13 Nov 2020	---	---
Machine Hours	15943	4779	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	101	● 190	---	---
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CONTAMINATION

Silicon	ppm	● 1	● 21	---	---
Sodium	ppm	● <1	● 5	---	---
Potassium	ppm	● <1	● <1	---	---



WEAR METALS

Iron	ppm	● 66	● 364	---	---
Copper	ppm	● 6	● 61	---	---
Lead	ppm	● 0	● 2	---	---
Tin	ppm	● 0	● 2	---	---
Aluminum	ppm	● 2	● 1	---	---
Chromium	ppm	● <1	● 2	---	---
Molybdenum	ppm	● 3	● 12	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	● 1	38	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 20	● 11	---	---
Magnesium	ppm	● 12	● 4	---	---
Zinc	ppm	● 28	● 34	---	---
Phosphorus	ppm	● 959	● 2135	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	● 116	● 3	---	---

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. La viscosité de l'échantillon se situe dans la portée de l'SAE 75W90; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Depot: LABTEM
Unique No: 5618107
Signed: Kevin Marson
Report Date: 28 Jul 2023



GRAPHS

