

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C 155775-1527 - Swing Drive

Sample No: LH0270542

Oil Type: GEAR OIL SAE 80W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270542	---	---	---
Date d'échant.	27 Feb 2024	---	---	---
Heures de la Machine	447	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Changed	---	---	---
Statut de l'échant.	ABNORMAL	---	---	---



ÉTAT D'HUILE

Visc 40°C	cSt	● 176	---	---	---
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CONTAMINATION

Eau	%	NEG	---	---	---
Silicium	ppm	● 16	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 8	---	---	---



MÉTAUX D'USURE

Fer	ppm	● 422	---	---	---
Cuivre	ppm	● 90	---	---	---
Plomb	ppm	● 3	---	---	---
Étain	ppm	● 8	---	---	---
Aluminium	ppm	4	---	---	---
Chrome	ppm	● 2	---	---	---
Molybdène	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	● 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIFS

Calcium	ppm	● 37	---	---	---
Magnésium	ppm	● 6	---	---	---
Zinc	ppm	● 17	---	---	---
Phosphore	ppm	● 1556	---	---	---
Baryum	ppm	● 7	---	---	---
Bore	ppm	● 19	---	---	---

BEN-MET STEEL & METAL INC.

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Diagnostic

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot: BENGUE

Unique No: 5735866

Signed: Kevin Marson

Report Date: 28 Feb 2024



GRAPHS

