

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C 117763-1527 - Splitter Box

Sample No: LH0285109

Oil Type: GEAR OIL SAE 75W90



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0285109	LH0270262	LH0256612	LH0247081
Date d'échant.	08 Feb 2024	25 Sep 2023	13 Apr 2023	16 Dec 2022
Heures de la Machine	6604	5976	5457	5012
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

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ÉTAT D'HUILE

Visc 40°C	cSt	80.1	84.5	83.5	83.0
		●	●	●	●



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	● 3	● 3	● 2	● 2
Sodium	ppm	● 2	● 1	● <1	● <1
Potassium	ppm	● 3	● 0	● <1	● <1



MÉTAUX D'USURE

PQ		● 0	---	---	---
Fer	ppm	● 148	● 23	● 10	● 14
Cuivre	ppm	● <1	● 1	● <1	● <1
Plomb	ppm	● <1	● <1	● 0	● 0
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● 3	● <1	● <1	● <1
Chrome	ppm	● 2	● <1	● 0	● 0
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● <1	● <1	● 0
Titane	ppm	● 0	● 0	● 0	● 0
Argent	ppm	● 0	● <1	● 0	● 0
Manganèse	ppm	● 1	● 0	● <1	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIFS

Calcium	ppm	● 29	● 39	● 45	● 63
Magnésium	ppm	● 4	● 6	● 2	● 2
Zinc	ppm	● 105	● 102	● 87	● 78
Phosphore	ppm	● 829	● 1190	● 1251	● 1241
Baryum	ppm	● 0	● <1	● 0	● 0
Bore	ppm	● 165	● 264	● 270	● 282

Diagnostic

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: MOFMOF
 Unique No: 5723805
 Signed: Kevin Marson
 Report Date: 12 Feb 2024



GRAPHS

