



LIEBHERR LH80M T18833-1218 - Splitter Box

Sample No: LH0270133

Oil Type: LIEBHERR GEAR BASIC 90 LS



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270133	LH0274404	LH0247296	LH0261332
Date d'échant.	12 Oct 2023	23 Aug 2023	21 Jun 2023	14 Apr 2023
Heures de la Machine	15946	15396	14707	13996
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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ÉTAT D'HUILE

Visc 40°C	cSt	83.7	79.2	80.6	81.8
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CONTAMINATION

Silicium	ppm	2	3	2	1
Sodium	ppm	1	<1	<1	<1
Potassium	ppm	<1	<1	<1	<1



MÉTAUX D'USURE

Fer	ppm	8	11	8	7
Cuivre	ppm	<1	<1	<1	<1
Plomb	ppm	0	0	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	<1	0	0
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	26	33	40	27
Magnésium	ppm	2	3	2	2
Zinc	ppm	123	170	169	137
Phosphore	ppm	1097	1121	1125	1161
Baryum	ppm	<1	0	0	0
Bore	ppm	266	241	234	243

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: LAKWHI
Unique No: 5658126
Signed: Wes Davis
Report Date: 13 Oct 2023



GRAPHS

