

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M T18833-1218 - Splitter Box

Sample No: LH0247296

Oil Type: LIEBHERR GEAR BASIC 90 LS



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0247296	LH0261332	LH0251799	LH0251368
Date d'échant.	21 Jun 2023	14 Apr 2023	07 Mar 2023	17 Jan 2023
Heures de la Machine	14707	13996	13464	12805
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

GERDAU AMERISTEEL

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ÉTAT D'HUILE

Visc 40°C	cSt	80.6	81.8	76.8	68.5
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CONTAMINATION

Élément	Unité	LH0247296	LH0261332	LH0251799	LH0251368
Silicium	ppm	2	1	2	3
Sodium	ppm	<1	<1	1	<1
Potassium	ppm	<1	<1	0	<1



MÉTAUX D'USURE

Élément	Unité	LH0247296	LH0261332	LH0251799	LH0251368
Fer	ppm	8	7	9	17
Cuivre	ppm	<1	<1	<1	1
Plomb	ppm	<1	0	0	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	0	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Élément	Unité	LH0247296	LH0261332	LH0251799	LH0251368
Calcium	ppm	40	27	38	59
Magnésium	ppm	2	2	2	2
Zinc	ppm	169	137	176	260
Phosphore	ppm	1125	1161	1157	1009
Baryum	ppm	0	0	0	0
Bore	ppm	234	243	225	188

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. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: LAKWHI
Unique No: 5606858
Signed: Wes Davis
Report Date: 13 Jul 2023



GRAPHS

