

LIEBHERR

CONSTRUCTION EQUIPMENT



[(360377)] LIEBHERR L580 059426-1464 - Splitter Box

Sample No: LH0237640

Oil Type: LIEBHERR GEAR BASIC 90 LS



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0237640	LH0266107	LH0242482	LH0239704
Date d'échant.	08 Sep 2023	19 Jul 2023	17 Nov 2022	18 Aug 2022
Heures de la Machine	5106	4747	3593	2987
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Not Changd	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

CLOUTHIER VENTURES LTD.
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ÉTAT D'HUILE

Visc 40°C	cSt	96.4	91.6	144	87.7
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CONTAMINATION

Silicium	ppm	3	2	4	2
Sodium	ppm	1	<1	1	1
Potassium	ppm	<1	<1	0	<1



MÉTAUX D'USURE

Fer	ppm	17	13	18	10
Cuivre	ppm	<1	<1	<1	<1
Plomb	ppm	0	0	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	0	<1	<1	0
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	12	12	75	165
Magnésium	ppm	1	4	2	2
Zinc	ppm	10	32	33	96
Phosphore	ppm	1380	1271	2110	1181
Baryum	ppm	<1	0	0	0
Bore	ppm	246	295	107	253

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: CLOPEM
 Unique No: 5646708
 Signed: Wes Davis
 Report Date: 28 Sep 2023



GRAPHS

