

LIEBHERR

CONSTRUCTION EQUIPMENT



110459-1529 - Left Final Drive

Sample No: LH0296744

Oil Type: GEAR OIL SAE 80W90



Information sur l'échantillon

Número d'échant.	LH0296744	LH0257069	LH0234918	LH0227308
Date d'échant.	07 Jul 2024	13 Mar 2023	02 Aug 2022	09 Mar 2022
Heures de la Machine	14886	13894	12796	11826
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	93.6	93.4	98.2	98.8
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Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	20	3	3	14
Sodium	ppm	3	<1	2	1
Potassium	ppm	2	<1	<1	1



Métaux d'usure

Fer	ppm	57	26	29	50
Cuivre	ppm	5	3	2	4
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	6	<1	<1	5
Chrome	ppm	<1	<1	<1	1
Molybdène	ppm	0	0	0	2
Nickel	ppm	1	<1	<1	<1
Titane	ppm	<1	0	0	<1
Argent	ppm	<1	0	0	<1
Manganèse	ppm	2	<1	<1	2
Vanadium	ppm	<1	<1	0	<1



Additifs

Calcium	ppm	47	19	21	36
Magnésium	ppm	7	2	2	6
Zinc	ppm	10	9	10	8
Phosphore	ppm	1204	1360	1227	1306
Baryum	ppm	<1	0	0	<1
Bore	ppm	300	311	300	322

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LAKWHI

Unique No: 5812006

Signed: Wes Davis

Report Date: 09 Jul 2024



Graphs

