

LIEBHERR

CONSTRUCTION EQUIPMENT



110459-1529 - Right Final Drive

Sample No: LH0296743

Oil Type: GEAR OIL SAE 80W90



Information sur l'échantillon

Número d'échant.	LH0296743	LH0257070	LH0234919	LH0227305
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

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État d'huile

Visc 40°C	cSt	93.7	92.8	98.9	97.9
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Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	14	10	3	11
Sodium	ppm	2	2	<1	2
Potassium	ppm	2	<1	<1	1



Métaux d'usure

Fer	ppm	60	49	18	56
Cuivre	ppm	4	2	3	3
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	<1	0
Aluminium	ppm	5	2	<1	4
Chrome	ppm	1	<1	0	1
Molybdène	ppm	0	<1	0	<1
Nickel	ppm	1	<1	<1	<1
Titane	ppm	<1	<1	0	<1
Argent	ppm	<1	<1	0	0
Manganèse	ppm	1	1	<1	2
Vanadium	ppm	<1	<1	0	<1



Additifs

Calcium	ppm	34	33	21	33
Magnésium	ppm	5	4	2	5
Zinc	ppm	9	9	10	9
Phosphore	ppm	1183	1336	1235	1303
Baryum	ppm	<1	0	0	0
Bore	ppm	294	306	303	324

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: 5812005
Signed: Wes Davis
Report Date: 09 Jul 2024



Graphs

