



LIEBHERR LH60M 145111-1217 - Front Right Wheel Hub

Sample No: LH0296532

Oil Type: GEAR OIL SAE 80W90



RAM IRON AND METAL

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CA M3J 1Z5
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Information sur l'échantillon

Número d'échant.	LH0296532	LH0285005	LH0247462	LH0261409
Date d'échant.	07 Jul 2024	12 Feb 2024	20 Jun 2023	27 Apr 2023
Heures de la Machine	4008	2972	1188	558
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



État d'huile

Visc 40°C	cSt	104	91.0	121	159



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	<1	4	2	6
Sodium	ppm	2	<1	2	5
Potassium	ppm	<1	<1	<1	<1



Métaux d'usure

Fer	ppm	47	2	38	78
Cuivre	ppm	12	5	8	12
Plomb	ppm	0	<1	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	2
Chrome	ppm	<1	0	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	0	1	3
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	10	3	15	18
Magnésium	ppm	2	<1	2	2
Zinc	ppm	20	7	23	47
Phosphore	ppm	1252	708	1403	1598
Baryum	ppm	16	<1	51	147
Bore	ppm	284	5	218	81

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: RAMTOR
Unique No: 5811945
Signed: Wes Davis
Report Date: 09 Jul 2024



Graphs

