

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362878)] LIEBHERR LH80M 135287-1218 - Front Differential

Sample No: LH0284936

Oil Type: GEAR OIL SAE 75W90



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0284936	LH0277417	LH0274372	LH0265830
Date d'échant.	08 Feb 2024	23 Oct 2023	05 Sep 2023	21 Jul 2023
Heures de la Machine	10128	8967	3998	7724
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	103	104	106	107
		●	●	●	●



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	● 2	● 3	● 2	● 2
Sodium	ppm	● <1	● 1	● <1	● <1
Potassium	ppm	● <1	● <1	● <1	● <1



MÉTAUX D'USURE

Fer	ppm	● 1	● 1	● <1	● 1
Cuivre	ppm	● <1	● <1	● <1	● <1
Plomb	ppm	● 0	● 0	● 0	● 0
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● <1	● 0	● 0	● <1
Chrome	ppm	● 0	● 0	● 0	● 0
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● <1	● 0	● 0
Titane	ppm	● 0	● 0	● 0	● 0
Argent	ppm	● 0	● <1	● 0	● 0
Manganèse	ppm	● 0	● 0	● 0	● 0
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIFS

Calcium	ppm	● 10	● 10	● 11	● 8
Magnésium	ppm	● 1	● 1	● <1	● 1
Zinc	ppm	● 9	● 9	● 9	● 8
Phosphore	ppm	● 1231	● 1257	● 1272	● 1328
Baryum	ppm	● 0	● 0	● 0	● 0
Bore	ppm	● 306	● 324	● 308	● 310

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: 5723819
Signed: Wes Davis
Report Date: 12 Feb 2024



GRAPHS

