

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362878)] LIEBHERR LH80M 135287-1218 - Swing Drive

Sample No: LH0274375

Oil Type: GEAR OIL SAE 75W90



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0274375	LH0265827	LH0261327	LH0247381
Date d'échant.	05 Sep 2023	21 Jul 2023	18 Apr 2023	10 Jan 2023
Heures de la Machine	3998	7724	6397	5001
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL

GERDAU AMERISTEEL

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ÉTAT D'HUILE

Visc 40°C	cSt	103	104	98.6	93.6
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CONTAMINATION

Élément	Unité	2	2	1	2
Silicium	ppm	2	2	1	2
Sodium	ppm	1	<1	<1	<1
Potassium	ppm	<1	<1	<1	<1



MÉTAUX D'USURE

Élément	Unité	91	75	67	382
PQ		---	---	---	0
Fer	ppm	91	75	67	382
Cuivre	ppm	31	47	66	106
Plomb	ppm	<1	1	1	2
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	0	<1	<1	<1
Chrome	ppm	1	<1	<1	5
Molybdène	ppm	<1	<1	0	<1
Nickel	ppm	<1	<1	<1	2
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIFS

Élément	Unité	9	8	8	13
Calcium	ppm	9	8	8	13
Magnésium	ppm	1	1	2	2
Zinc	ppm	9	10	12	16
Phosphore	ppm	1300	1292	1327	1316
Baryum	ppm	0	0	0	0
Bore	ppm	314	300	309	309

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: 5633832
Signed: Wes Davis
Report Date: 06 Sep 2023



GRAPHS

