

LIEBHERR

CONSTRUCTION EQUIPMENT



[(347307)] LIEBHERR R934 052025-1550 - Swing Drive

Sample No: LH0270380

Oil Type: GEAR OIL SAE 75W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270380	LH0239224	LH0227478	LH0214737
Date d'échant.	27 Jul 2023	15 Nov 2022	09 Mar 2022	10 Sep 2021
Heures de la Machine	2892	1904	979	397
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

MOFFATT SCRAP IRON & METAL INC.
 9620 GUELPH LINE
 CAMPBELLVILLE, ON
 CA L0P 1B0
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ÉTAT D'HUILE

Visc 40°C	cSt	99.6	104	109	197
		●	●	●	●



CONTAMINATION

Élément	Unité	4	4	6	3
Silicium	ppm	● 4	● 4	● 6	● 3
Sodium	ppm	● 1	● <1	● 2	● 1
Potassium	ppm	● <1	● 1	● 1	● 1



MÉTAUX D'USURE

Élément	Unité	599	1043	574	327
PQ		---	● 0	---	---
Fer	ppm	● 599	● 1043	● 574	● 327
Cuivre	ppm	● <1	● <1	● 1	● <1
Plomb	ppm	● <1	● <1	● <1	● <1
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● <1	● <1	● <1	● <1
Chrome	ppm	● 8	● 13	● 8	● 6
Molybdène	ppm	● <1	● <1	● <1	● <1
Nickel	ppm	● 0	● <1	● <1	● <1
Titane	ppm	<1	<1	0	0
Argent	ppm	<1	0	0	<1
Manganèse	ppm	● 5	● 9	● 7	● 4
Vanadium	ppm	0	<1	<1	<1



ADDITIFS

Élément	Unité	13	14	10	9
Calcium	ppm	● 13	● 14	● 10	● 9
Magnésium	ppm	● 4	● 1	● 2	● <1
Zinc	ppm	● 15	● 13	● 13	● 12
Phosphore	ppm	● 1368	● 1328	● 1385	● 1647
Baryum	ppm	● 0	● 0	● <1	● 8
Bore	ppm	● 207	● 184	● 235	● 4

Diagnostic

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Free water present. The oil is no longer serviceable due to the presence of contaminants.

Depot: MOFMOF
 Unique No: 5618308
 Signed: Kevin Marson
 Report Date: 31 Jul 2023



GRAPHS

