

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353412)] LIEBHERR R926 052980-1827 - Swing Drive

Sample No: LH0274645

Oil Type: LIEBHERR GEAR BASIC 90 LS



SL EXCAVATION INC.
4626 COUNTY ROAD 29
ALMONTE, ON
CA K0A 1A0
Contact: Service Manager



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274645	LH0247313	LH0242560	LH0234734
Date d'échant.	20 Sep 2023	03 Feb 2023	02 Nov 2022	22 Jul 2022
Heures de la Machine	4068	2931	2619	2001
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	154	110	146	157



CONTAMINATION

Élément	Unité	<1	<1	1	<1
Silicium	ppm	<1	<1	1	<1
Sodium	ppm	2	<1	2	1
Potassium	ppm	<1	0	0	<1



MÉTAUX D'USURE

Élément	Unité	26	6	30	37
Fer	ppm	26	6	30	37
Cuivre	ppm	42	17	32	28
Plomb	ppm	1	<1	<1	<1
Étain	ppm	3	<1	2	2
Aluminium	ppm	0	<1	<1	0
Chrome	ppm	0	0	<1	<1
Molybdène	ppm	<1	0	0	0
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Élément	Unité	30	4	16	9
Calcium	ppm	30	4	16	9
Magnésium	ppm	24	<1	1	<1
Zinc	ppm	38	9	14	11
Phosphore	ppm	2059	1396	2037	2009
Baryum	ppm	<1	0	0	<1
Bore	ppm	52	296	114	67

T:
F:

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: SLEALM
Unique No: 5646707
Signed: Wes Davis
Report Date: 28 Sep 2023



GRAPHS

