

LIEBHERR

CONSTRUCTION EQUIPMENT



[(360524)] LIEBHERR R926 053645-1827 - Swing Drive

Sample No: LH0216690

Oil Type: GEAR OIL SAE 80W90



HAWKESBURY TRANSPORT EXCAVATION
668 MAIN STREET EAST, CP 715
HAWKESBURY, ON
CA K6A 1A9
Contact: Service Manager



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0216690	LH0216683	LH0216676	---
Date d'échant.	19 Nov 2023	03 Jul 2023	16 Sep 2022	---
Heures de la Machine	3000	2485	1475	---
Heures de l'huile	0	0	0	---
Huile changée	N/A	N/A	N/A	---
Statut de l'échant.	SEVERE	ABNORMAL	NORMAL	---



ÉTAT D'HUILE

Visc 40°C	cSt	176	154	188	---
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CONTAMINATION

Eau	%	0.005	NEG	NEG	---
Silicium	ppm	4	3	4	---
Sodium	ppm	7	5	8	---
Potassium	ppm	1	2	2	---



MÉTAUX D'USURE

Fer	ppm	522	350	518	---
Cuivre	ppm	251	161	188	---
Plomb	ppm	6	4	4	---
Étain	ppm	22	14	13	---
Aluminium	ppm	<1	<1	<1	---
Chrome	ppm	4	3	4	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	<1	0	<1	---
Titane	ppm	0	<1	<1	---
Argent	ppm	<1	0	0	---
Manganèse	ppm	4	3	5	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	56	40	64	---
Magnésium	ppm	1	1	1	---
Zinc	ppm	38	27	31	---
Phosphore	ppm	1298	1285	1417	---
Baryum	ppm	11	8	14	---
Bore	ppm	16	51	6	---

T:
F:

Diagnostic

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Tin ppm levels are severe. Copper and lead ppm levels are abnormal. Bearing and/or bushing wear is indicated. The water content is negligible. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: HAW668HAW
Unique No: 5682725
Signed: Kevin Marson
Report Date: 24 Nov 2023



GRAPHS

