

LIEBHERR

CONSTRUCTION EQUIPMENT



[(360524)] LIEBHERR R926 053645-1827 - Diesel Engine

Sample No: LH0216685

Oil Type: DIESEL ENGINE OIL SAE 30



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



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0216685	LH0216684	LH0216678	LH0216677
Date d'échant.	20 Nov 2023	03 Jul 2023	02 Jan 2023	16 Sep 2022
Heures de la Machine	3000	2485	2000	1475
Heures de l'huile	0	0	0	0
Huile changée	N/A	N/A	N/A	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 100°C	cSt	13.7	11.3	13.6	11.6
Oxydation (PA)	%	63	63	65	29

T:
F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	78	68	77	37
Sulfatation (PA)	%	55	55	57	40
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	4	4	5	8
Sodium	ppm	3	3	3	12
Potassium	ppm	0	<1	0	3

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. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	9	12	10	9
Cuivre	ppm	2	3	3	4
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	4	2	3	4
Chrome	ppm	0	<1	0	0
Molybdène	ppm	93	74	91	90
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	<1	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	2182	1446	2252	2311
Magnésium	ppm	132	738	177	55
Zinc	ppm	1220	1252	1270	1220
Phosphore	ppm	1035	1097	1108	1059
Baryum	ppm	<1	0	0	0
Bore	ppm	35	15	33	33

Depot: HAW668HAW
Unique No: 5682854
Signed: Kevin Marson
Report Date: 22 Nov 2023



GRAPHS

