

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0216684

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

Numéro d'échant.	LH0216684	LH0216678	LH0216677	LH0216670
Date d'échant.	03 Jul 2023	02 Jan 2023	16 Sep 2022	24 Mar 2022
Heures de la Machine	2485	2000	1475	500
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	11.3	13.6	11.6	12.1
Oxydation (PA)	%	63	65	29	86

T:
F:



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	68	77	37	52
Sulfatation (PA)	%	55	57	40	59
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	0.2
Silicium	ppm	4	5	8	43
Sodium	ppm	3	3	12	4
Potassium	ppm	<1	0	3	2

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.



MÉTAUX D'USURE

Fer	ppm	12	10	9	23
Cuivre	ppm	3	3	4	16
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	2	3	4	3
Chrome	ppm	<1	0	0	<1
Molybdène	ppm	74	91	90	39
Nickel	ppm	0	0	0	<1
Titane	ppm	0	<1	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1446	2252	2311	1743
Magnésium	ppm	738	177	55	802
Zinc	ppm	1252	1270	1220	978
Phosphore	ppm	1097	1108	1059	844
Baryum	ppm	0	0	0	3
Bore	ppm	15	33	33	102

Depot: HAW668HAW
 Unique No: 5606654
 Signed: Wes Davis
 Report Date: 13 Jul 2023



GRAPHS

