

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0216692

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.	LH0216692	LH0216691	LH0216685	LH0216684
Date d'échant.	12 Jun 2024	04 Mar 2024	20 Nov 2023	03 Jul 2023
Heures de la Machine	4000	3906	3000	2485
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	N/A	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



État d'huile

Visc 100°C	cSt	13.2	10.9	13.7	11.3
Oxydation (PA)	%	65	62	63	63

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	78	73	78	68
Sulfatation (PA)	%	56	54	55	55
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	3	4	4	4
Sodium	ppm	6	2	3	3
Potassium	ppm	3	2	0	<1

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	8	9	12
Cuivre	ppm	2	2	2	3
Plomb	ppm	0	0	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	3	3	4	2
Chrome	ppm	0	0	0	<1
Molybdène	ppm	95	87	93	74
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	2227	1985	2182	1446
Magnésium	ppm	99	225	132	738
Zinc	ppm	1220	1159	1220	1252
Phosphore	ppm	1004	1000	1035	1097
Baryum	ppm	0	0	<1	0
Bore	ppm	39	50	35	15

Depot: HAW668HAW
Unique No: 5799127
Signed: Kevin Marson
Report Date: 13 Jun 2024



Graphs

