

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353412)] LIEBHERR R926 052980-1827 - Diesel Engine

Sample No: LH0289395

Oil Type: PETRO CANADA 10W40



Information sur l'échantillon

Numéro d'échant.	LH0289395	LH0281587	LH0274648	LH0247511
Date d'échant.	18 Jun 2024	15 Dec 2023	20 Sep 2023	08 Jun 2023
Heures de la Machine	4979	4507	4068	3482
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

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



État d'huile

Visc 100°C	cSt	12.2	14.1	13.6	12.5
Oxydation (PA)	%	87	71	69	58

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	86	68	70	63
Sulfatation (PA)	%	62	57	57	53
Glycol	%	NEG	NEG	0.0	NEG
Essence	%	0.0	<1.0	<1.0	<1.0
Silicium	ppm	10	20	5	5
Sodium	ppm	5	2	2	1
Potassium	ppm	<1	<1	24	<1

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



Métaux d'usure

Fer	ppm	15	11	16	2
Cuivre	ppm	<1	2	2	1
Plomb	ppm	<1	<1	1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	1	2	1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	63	61	64	58
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	1	<1
Manganèse	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	933	1136	1126	1026
Magnésium	ppm	1207	1023	1043	987
Zinc	ppm	1314	1254	1293	1202
Phosphore	ppm	1052	1048	1057	1067
Baryum	ppm	0	0	<1	0
Bore	ppm	35	1	<1	<1

Depot: SLEALM
Unique No: 5800641
Signed: Kevin Marson
Report Date: 21 Jun 2024



Graphs

