

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0247511

Oil Type: PETRO CANADA SUPREME 5W30



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



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0247511	LH0203091	LH0242606	LH0234735
Date d'échant.	08 Jun 2023	03 Feb 2023	02 Nov 2022	22 Jul 2022
Heures de la Machine	3482	2931	2619	2001
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 100°C	cSt	12.5	13.9	12.9	13.3
Oxydation (PA)	%	58	59	67	73



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	63	58	69	68
Sulfatation (PA)	%	53	56	57	58
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	7	8	23
Sodium	ppm	1	3	3	3
Potassium	ppm	<1	<1	<1	<1



MÉTAUX D'USURE

Fer	ppm	2	11	13	16
Cuivre	ppm	1	1	2	7
Plomb	ppm	<1	0	<1	<1
Étain	ppm	<1	0	<1	0
Aluminium	ppm	<1	1	2	1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	58	61	63	59
Nickel	ppm	0	<1	<1	<1
Titane	ppm	<1	<1	<1	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1026	1081	1160	1310
Magnésium	ppm	987	1002	982	966
Zinc	ppm	1202	1215	1216	1219
Phosphore	ppm	1067	1117	1083	997
Baryum	ppm	0	0	0	0
Bore	ppm	<1	7	15	10

T:
F:

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.

Depot: SLEALM
Unique No: 5630719
Signed: Wes Davis
Report Date: 23 Aug 2023



GRAPHS

