

LIEBHERR

CONSTRUCTION EQUIPMENT



[(340261)] LIEBHERR LH80M 127769-1218 - Diesel Engine

Sample No: LH0202925

Oil Type: PETRO CANADA DURON UHP E6 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0202925	LH	LH0247105	LH0222648
Date d'échant.	05 Sep 2023	13 Mar 2023	04 Jan 2023	21 Oct 2022
Heures de la Machine	11630	9456	8642	7945
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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ÉTAT D'HUILE

Visc 100°C	cSt	13.5	12.8	12.9	13.0
Oxydation (PA)	%	69	84	81	72



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	79	88	88	81
Sulfatation (PA)	%	57	63	58	55
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	5	7	6
Sodium	ppm	2	2	2	2
Potassium	ppm	3	1	<1	2



MÉTAUX D'USURE

Fer	ppm	4	6	5	4
Cuivre	ppm	1	2	2	2
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	2	1	2	2
Chrome	ppm	<1	<1	<1	0
Molybdène	ppm	59	61	60	59
Nickel	ppm	0	<1	<1	0
Titane	ppm	0	<1	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1074	1183	1103	1139
Magnésium	ppm	985	989	996	968
Zinc	ppm	1216	1247	1237	1217
Phosphore	ppm	1069	1139	1098	1104
Baryum	ppm	0	0	0	0
Bore	ppm	3	5	2	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.

Depot: LAKWHI

Unique No: 5633688

Signed: Kevin Marson

Report Date: 06 Sep 2023



GRAPHS

