

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M T18833-1218 - Diesel Engine

Sample No: LH0270135

Oil Type: PETRO CANADA DURON UHP E6 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270135	LH0247295	LH0261331	LH0257043
Date d'échant.	12 Oct 2023	21 Jun 2023	14 Apr 2023	07 Mar 2023
Heures de la Machine	15946	14707	13996	13464
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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ÉTAT D'HUILE

Visc 100°C	cSt	13.3	13.5	13.8	13.5
Oxydation (PA)	%	71	71	68	77



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	77	78	73	81
Sulfatation (PA)	%	54	54	53	61
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	5	4	5
Sodium	ppm	2	2	1	1
Potassium	ppm	2	<1	0	<1



MÉTAUX D'USURE

Fer	ppm	4	4	3	4
Cuivre	ppm	1	2	<1	1
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	1	1	1	1
Chrome	ppm	0	<1	0	<1
Molybdène	ppm	60	58	59	60
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	0	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1079	1067	1127	1162
Magnésium	ppm	979	1017	963	986
Zinc	ppm	1208	1244	1201	1231
Phosphore	ppm	985	1076	1081	1119
Baryum	ppm	<1	0	0	0
Bore	ppm	3	3	3	4

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: 5657953
Signed: Wes Davis
Report Date: 13 Oct 2023



GRAPHS

