

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362878)] LIEBHERR LH80M 135287-1218 - Diesel Engine

Sample No: LH0265826

Oil Type: PETRO CANADA DURON UHP E6 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0265826	LH0261329	LH	LH0247382
Date d'échant.	21 Jul 2023	18 Apr 2023	13 Mar 2023	10 Jan 2023
Heures de la Machine	7724	6397	5848	5001
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	14.4	13.3	13.0	13.1
Oxydation (PA)	%	54	74	88	86



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	62	78	86	83
Sulfatation (PA)	%	53	54	64	61
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	7	5	6	6
Sodium	ppm	2	1	2	3
Potassium	ppm	3	<1	<1	2



MÉTAUX D'USURE

Fer	ppm	3	4	6	6
Cuivre	ppm	<1	2	3	2
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	1	1	2
Chrome	ppm	0	0	<1	0
Molybdène	ppm	13	60	59	50
Nickel	ppm	0	<1	0	<1
Titane	ppm	<1	0	<1	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1389	1109	1210	1352
Magnésium	ppm	733	916	972	816
Zinc	ppm	856	1197	1254	1209
Phosphore	ppm	811	1081	1130	1072
Baryum	ppm	0	0	0	0
Bore	ppm	83	2	4	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. The condition of the oil is acceptable for the time in service.

Depot: LAKWHI
Unique No: 5617250
Signed: Kevin Marson
Report Date: 26 Jul 2023



GRAPHS

