

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0284940

Oil Type: PETRO CANADA DURON UHP E6 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284940	LH0277420	LH0274374	LH0265826
Date d'échant.	08 Feb 2024	23 Oct 2023	05 Sep 2023	21 Jul 2023
Heures de la Machine	10128	8967	3998	7724
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	12.8	13.0	13.3	14.4
Oxydation (PA)	%	75	74	72	54



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	84	81	83	62
Sulfatation (PA)	%	54	55	58	53
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	5	6	7
Sodium	ppm	1	2	2	2
Potassium	ppm	1	9	4	3



MÉTAUX D'USURE

Fer	ppm	5	6	6	3
Cuivre	ppm	1	1	<1	<1
Plomb	ppm	<1	<1	<1	0
Étain	ppm	0	<1	0	0
Aluminium	ppm	2	4	2	1
Chrome	ppm	<1	<1	<1	0
Molybdène	ppm	58	62	52	13
Nickel	ppm	<1	0	0	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	<1	<1	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1131	1156	1145	1389
Magnésium	ppm	985	1023	956	733
Zinc	ppm	1232	1270	1168	856
Phosphore	ppm	1019	1044	1020	811
Baryum	ppm	0	0	0	0
Bore	ppm	2	4	7	83

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: 5723697

Signed: Wes Davis

Report Date: 09 Feb 2024



GRAPHS

