

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(362878)] 135287-1218 - Diesel Engine

Sample No: LH0276242

Oil Type: PETRO CANADA DURON UHP E6 10W40



#### Information sur l'échantillon

Número d'échant.	LH0276242	LH0286522	LH0284940	LH0277420
Date d'échant.	07 May 2024	04 Mar 2024	08 Feb 2024	23 Oct 2023
Heures de la Machine	11139	10640	10128	8967
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	13.4	12.8	13.0
Oxydation (PA)	%	74	69	75	74



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	82	74	84	81
Sulfatation (PA)	%	55	53	54	55
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	4	5	6	5
Sodium	ppm	1	1	1	2
Potassium	ppm	<1	<1	1	9



#### Métaux d'usure

Fer	ppm	4	4	5	6
Cuivre	ppm	<1	1	1	1
Plomb	ppm	0	0	<1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	1	1	2	4
Chrome	ppm	0	0	<1	<1
Molybdène	ppm	60	55	58	62
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	1127	1116	1131	1156
Magnésium	ppm	993	948	985	1023
Zinc	ppm	1227	1167	1232	1270
Phosphore	ppm	1009	988	1019	1044
Baryum	ppm	0	0	0	0
Bore	ppm	5	10	2	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: 5775158

Signed: Wes Davis

Report Date: 08 May 2024



### Graphs

