

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Diesel Engine

Sample No: LH0277085

Oil Type: PETRO CANADA DURON UHP 5W30



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277085	LH0277110	LH0260016	LH0250296
Date d'échant.	18 Mar 2024	13 Oct 2023	21 Aug 2023	31 May 2023
Heures de la Machine	29682	28718	27281	26834
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

J.D. Irving

Truro Sawmill, 529 Valley Dale Road

Truro, NS

CA B2N 5C5

Contact: Sheldon Richardson

richardson.sheldon@jdirving.com

T: (902)890-9419

F:



ÉTAT D'HUILE

Visc 100°C	cSt	11.9	11.6	11.3	11.9
Oxydation (PA)	%	98	100	112	98



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	93	95	113	97
Sulfatation (PA)	%	63	65	75	65
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	8	11	6
Sodium	ppm	5	5	6	5
Potassium	ppm	<1	0	2	<1



MÉTAUX D'USURE

Fer	ppm	5	7	10	5
Cuivre	ppm	<1	2	2	1
Plomb	ppm	<1	<1	1	<1
Étain	ppm	0	0	<1	0
Aluminium	ppm	1	2	2	2
Chrome	ppm	<1	<1	<1	0
Molybdène	ppm	59	56	63	57
Nickel	ppm	<1	0	0	0
Titane	ppm	0	0	<1	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	859	855	940	1146
Magnésium	ppm	1131	1119	1139	1002
Zinc	ppm	1225	1245	1259	1271
Phosphore	ppm	1041	1043	1095	1114
Baryum	ppm	0	<1	<1	0
Bore	ppm	24	18	12	23

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: JDITRU

Unique No: 5748128

Signed: Wes Davis

Report Date: 19 Mar 2024



GRAPHS

