

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Diesel Engine

Sample No: LH0277110

Oil Type: PETRO CANADA DURON UHP 5W30



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277110	LH0260016	LH0250296	LH0234620
Date d'échant.	13 Oct 2023	21 Aug 2023	31 May 2023	14 Mar 2023
Heures de la Machine	28718	27281	26834	25721
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

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ÉTAT D'HUILE

Visc 100°C	cSt	11.6	11.3	11.9	11.6
Oxydation (PA)	%	100	112	98	93



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	95	113	97	88
Sulfatation (PA)	%	65	75	65	69
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	8	11	6	8
Sodium	ppm	5	6	5	15
Potassium	ppm	0	2	<1	1



MÉTAUX D'USURE

Fer	ppm	7	10	5	4
Cuivre	ppm	2	2	1	<1
Plomb	ppm	<1	1	<1	0
Étain	ppm	0	<1	0	<1
Aluminium	ppm	2	2	2	2
Chrome	ppm	<1	<1	0	0
Molybdène	ppm	56	63	57	63
Nickel	ppm	0	0	0	0
Titane	ppm	0	<1	0	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	855	940	1146	913
Magnésium	ppm	1119	1139	1002	1151
Zinc	ppm	1245	1259	1271	1271
Phosphore	ppm	1043	1095	1114	1118
Baryum	ppm	<1	<1	0	0
Bore	ppm	18	12	23	27

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: 5667983
Signed: Kevin Marson
Report Date: 23 Oct 2023



GRAPHS

