

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 099250-1475 - Diesel Engine

Sample No: LH0278399

Oil Type: PETRO CANADA DURON UHP 5W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278399	LH0278398	LH0151264	LH0122751
Date d'échant.	17 Nov 2023	16 Nov 2023	17 Oct 2019	10 Oct 2018
Heures de la Machine	33052	33052	10200	4384
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Changed
Statut de l'échant.	ATTENTION	ATTENTION	SEVERE	NORMAL

J.D. Irving Sussex

39C Rte 890, Sussex Garage

Four Corners, NB

CA E4G 2W1

Contact: Mike Coates

coates.mike@jdirving.com

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ÉTAT D'HUILE

Visc 100°C	cSt	11.4	11.4	11.5	11.1
Oxydation (PA)	%	72	72	86	91



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	71	71	93	95
Sulfatation (PA)	%	55	55	66	59
Glycol	%	0.0	0.01	NEG	0.0
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	4	4	9	8
Sodium	ppm	225	229	3	4
Potassium	ppm	3	3	2	7



MÉTAUX D'USURE

Fer	ppm	2	2	21	3
Cuivre	ppm	<1	<1	4	<1
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	<1	0
Aluminium	ppm	2	2	2	3
Chrome	ppm	0	0	<1	0
Molybdène	ppm	77	76	61	41
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	<1	0
Argent	ppm	<1	<1	<1	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	797	802	882	1227
Magnésium	ppm	1097	1087	1150	820
Zinc	ppm	1171	1178	1284	1074
Phosphore	ppm	1031	1020	1099	915
Baryum	ppm	<1	<1	<1	0
Bore	ppm	21	20	30	23

Diagnostic

Check for low coolant level. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. Water treatment chemicals present, indicating slow coolant leak. Test for glycol is negative. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service (see recommendation).

Depot: JDISUS

Unique No: 5682458

Signed: Kevin Marson

Report Date: 21 Nov 2023



GRAPHS

