

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 116354-1215 - Diesel Engine

Sample No: LH0277625

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277625	LH0150655	LH0193086	LH0192989
Date d'échant.	25 Jan 2024	23 Nov 2021	02 Jun 2021	26 Mar 2021
Heures de la Machine	10001	5042	3933	3507
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL

KIMCO STEEL SALES LTD.
 1325 JOHN COUNTER BLVD
 KINGSTON, ON
 CA K7L 4W1
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 doug@kimcosteel.com
 T: (800)267-0902
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ÉTAT D'HUILE

Visc 100°C	cSt	13.2	13.0	13.2	11.1
Oxydation (PA)	%	66	63	59	61



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	74	70	62	66
Sulfatation (PA)	%	53	54	53	52
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	0.6
Silicium	ppm	6	6	6	6
Sodium	ppm	1	1	1	2
Potassium	ppm	<1	<1	<1	<1

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.



MÉTAUX D'USURE

Fer	ppm	3	3	3	3
Cuivre	ppm	1	3	2	3
Plomb	ppm	<1	1	<1	<1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	1	1	<1
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	59	60	57	59
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	<1	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1067	1063	1041	1060
Magnésium	ppm	971	1028	961	1004
Zinc	ppm	1183	1218	1244	1277
Phosphore	ppm	1029	1074	1005	1036
Baryum	ppm	0	0	<1	<1
Bore	ppm	<1	1	<1	1

Depot: KIMKIN
 Unique No: 5721895
 Signed: Bill Quesnel
 Report Date: 01 Feb 2024



GRAPHS

