

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 116354-1215 - Swing Drive

Sample No: LH0277622

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277622	LH0150658	LH0193087	LH0150630
Date d'échant.	25 Jan 2024	23 Nov 2021	02 Jun 2021	11 Jan 2021
Heures de la Machine	10071	5042	3933	3029
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	ABNORMAL	SEVERE	NORMAL

KIMCO STEEL SALES LTD.
 1325 JOHN COUNTER BLVD
 KINGSTON, ON
 CA K7L 4W1
 Contact: David Roy
 doug@kimcosteel.com
 T: (800)267-0902
 F: (613)548-4653



ÉTAT D'HUILE

Visc 40°C	cSt	170	135	92.8	108



CONTAMINATION

Eau	%	NEG	NEG	0.014	NEG
Silicium	ppm	<1	2	118	1
Sodium	ppm	<1	<1	4	2
Potassium	ppm	<1	<1	3	<1



MÉTAUX D'USURE

PQ		---	0	---	---
Fer	ppm	163	438	36	73
Cuivre	ppm	39	35	18	59
Plomb	ppm	1	1	<1	2
Étain	ppm	2	<1	<1	1
Aluminium	ppm	<1	<1	<1	0
Chrome	ppm	1	4	<1	<1
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	<1	<1
Manganèse	ppm	<1	3	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	4	5	9	15
Magnésium	ppm	<1	<1	1	2
Zinc	ppm	16	8	8	12
Phosphore	ppm	2237	752	584	1528
Baryum	ppm	0	<1	<1	3
Bore	ppm	22	26	27	207

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: KIMKIN
 Unique No: 5721985
 Signed: Wes Davis
 Report Date: 01 Feb 2024



GRAPHS

