

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 116354-1215 - Transmission (Manual)

Sample No: LH0277615

Oil Type: PETRO CANADA DURON UHP E6 10W40



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277615	LH0150659	LH0150631	LH0128478
Date d'échant.	25 Jan 2024	23 Nov 2021	11 Jan 2021	12 Aug 2020
Heures de la Machine	10071	5042	3029	2108
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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ÉTAT D'HUILE

Visc 40°C	cSt	59.1	67.5	58.4	57.3



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	6	5	4	3
Sodium	ppm	2	7	8	12
Potassium	ppm	<1	<1	1	2



MÉTAUX D'USURE

Fer	ppm	21	31	14	15
Cuivre	ppm	9	62	16	22
Plomb	ppm	<1	2	<1	<1
Étain	ppm	<1	2	<1	<1
Aluminium	ppm	2	2	1	2
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	62	53	53	49
Nickel	ppm	<1	<1	<1	0
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	1	7	5	8
Vanadium	ppm	0	0	0	<1



ADDITIFS

Calcium	ppm	1167	1305	1334	1615
Magnésium	ppm	910	560	876	776
Zinc	ppm	1193	1007	1261	1264
Phosphore	ppm	1127	1360	1083	1142
Baryum	ppm	0	0	<1	<1
Bore	ppm	10	24	5	3

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: KIMKIN
 Unique No: 5721973
 Signed: Bill Quesnel
 Report Date: 01 Feb 2024



GRAPHS

