

LIEBHERR

CONSTRUCTION EQUIPMENT



096750-1204 - Diesel Engine

Sample No: LH0285142

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0285142	LH0274880	LH0216229	LH0251714
Date d'échant.	05 Feb 2024	31 Oct 2023	02 May 2023	30 Jan 2023
Heures de la Machine	10945	10469	9977	9461
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	ABNORMAL	ABNORMAL

American Iron and Metal

120 Bentley Avenue

Ottawa, ON

CA K2E 6T9

Contact: Yvon Lalonde



ÉTAT D'HUILE

Visc 100°C	cSt	14.7	14.6	14.5	14.4
Oxydation (PA)	%	65	66	62	63

T: (819)230-7247

F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	1.2	1.3	1.1	1.3
Nitration (PA)	%	86	87	82	91
Sulfatation (PA)	%	57	60	58	65
Glycol	%	NEG	0.0	0.0	0.0
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	6	8	16
Sodium	ppm	16	37	129	506
Potassium	ppm	9	21	76	316

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	27	30	27	35
Cuivre	ppm	2	2	2	4
Plomb	ppm	<1	<1	<1	2
Étain	ppm	0	0	<1	<1
Aluminium	ppm	11	9	11	18
Chrome	ppm	<1	<1	<1	1
Molybdène	ppm	62	68	69	93
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	0	2	11
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIFS

Calcium	ppm	1108	1159	1135	1179
Magnésium	ppm	985	1060	978	925
Zinc	ppm	1217	1340	1234	1212
Phosphore	ppm	1035	1101	1112	1086
Baryum	ppm	0	<1	0	0
Bore	ppm	<1	1	2	8

Depot: AME120OTT

Unique No: 5734474

Signed: Wes Davis

Report Date: 22 Feb 2024



GRAPHS

