

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 059953-1334 - Diesel Engine

Sample No: LH0270296

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270296	LH0284945	LH0242568	LH0203041
Date d'échant.	04 Mar 2024	01 Feb 2024	01 Oct 2022	27 Sep 2021
Heures de la Machine	7962	4939	3002	1012
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	N/A	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

THOMAS CAVANAGH CONSTRUCTION LTD
RR # 2, 9094 CAVANAGH ROAD
ASHTON, ON
CA K0A 1B0
Contact: Keith



ÉTAT D'HUILE

Visc 100°C	cSt	11.6	12.9	13.1	11.5
Oxydation (PA)	%	71	68	76	198

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CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	72	73	79	92
Sulfatation (PA)	%	53	54	60	110
Glycol	%	NEG	NEG	NEG	0.0
Essence	%	1.7	<1.0	<1.0	<1.0
Silicium	ppm	6	5	5	13
Sodium	ppm	4	1	2	3
Potassium	ppm	<1	3	2	13

Diagnostic

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	4	5	7	15
Cuivre	ppm	1	3	12	222
Plomb	ppm	<1	<1	2	9
Étain	ppm	0	<1	<1	2
Aluminium	ppm	1	2	1	2
Chrome	ppm	<1	<1	<1	1
Molybdène	ppm	58	57	58	45
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	0	<1	<1
Argent	ppm	0	<1	0	<1
Manganèse	ppm	0	0	<1	2
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	848	1089	1098	1342
Magnésium	ppm	1079	970	963	926
Zinc	ppm	1187	1182	1165	801
Phosphore	ppm	1041	993	1011	634
Baryum	ppm	0	0	<1	27
Bore	ppm	37	<1	1	52

Depot: CAVASH
Unique No: 5737589
Signed: Kevin Marson
Report Date: 08 Mar 2024



GRAPHS

