

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 053143-1334 - Diesel Engine

Sample No: LH0225796

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0225796	LH0251342	LH0234757	LH0213826
Date d'échant.	21 Sep 2023	09 Jan 2023	28 Jul 2022	01 Nov 2021
Heures de la Machine	4021	2980	2020	1005
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	N/A	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL

WILLIS KERR CONTRACTING
 1088 COUNTY ROAD 1
 OSGOODE, ON
 CA K0A 2W0
 Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	13.1	12.8	12.9	11.6
Oxydation (PA)	%	66	73	86	180

T:
F:



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	73	73	78	86
Sulfatation (PA)	%	55	59	64	104
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	0.9
Silicium	ppm	5	6	7	10
Sodium	ppm	2	2	2	4
Potassium	ppm	0	2	7	6

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	7	8	10	13
Cuivre	ppm	4	7	24	71
Plomb	ppm	1	2	3	6
Étain	ppm	<1	<1	2	2
Aluminium	ppm	<1	1	2	2
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	58	58	55	41
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	<1	<1	0
Argent	ppm	<1	0	<1	<1
Manganèse	ppm	0	<1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1054	1223	1110	1420
Magnésium	ppm	972	949	954	874
Zinc	ppm	1197	1206	1122	826
Phosphore	ppm	964	1040	889	666
Baryum	ppm	<1	<1	5	33
Bore	ppm	1	5	6	69

Depot: WILMOU
 Unique No: 5646496
 Signed: Kevin Marson
 Report Date: 27 Sep 2023



GRAPHS

