

LIEBHERR

CONSTRUCTION EQUIPMENT



[(360377)] LIEBHERR L580 059426-1464 - Diesel Engine

Sample No: LH0187106

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0187106	LH0237638	LH0237635	LH0242479
Date d'échant.	19 Jan 2024	08 Sep 2023	19 Jul 2023	17 Nov 2022
Heures de la Machine	5883	5106	4747	3593
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

CLOUTHIER VENTURES LTD.
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ÉTAT D'HUILE

Visc 100°C	cSt	13.6	14.1	13.1	10.6
Oxydation (PA)	%	58	55	57	58



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	53	48	57	57
Sulfatation (PA)	%	51	50	53	53
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	4	4	5	4
Sodium	ppm	<1	1	2	1
Potassium	ppm	<1	<1	<1	<1

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	4	2	4	4
Cuivre	ppm	<1	<1	2	14
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	1	<1	<1	1
Chrome	ppm	0	0	<1	0
Molybdène	ppm	54	57	56	49
Nickel	ppm	<1	0	0	0
Titane	ppm	2	0	0	<1
Argent	ppm	0	<1	<1	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1057	1026	1004	900
Magnésium	ppm	917	957	981	822
Zinc	ppm	1139	1165	1169	988
Phosphore	ppm	1000	974	1036	915
Baryum	ppm	0	<1	0	0
Bore	ppm	5	1	5	<1

Depot: CLOPEM
 Unique No: 5736280
 Signed: Wes Davis
 Report Date: 01 Mar 2024



GRAPHS

