

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 040969-1287 - Diesel Engine

Sample No: LH0289343

Oil Type: PETRO CANADA 10W40



Information sur l'échantillon

Numéro d'échant.	LH0289343	LH0257439	LH0247293	LH0239418
Date d'échant.	27 May 2024	29 Aug 2023	27 Jun 2023	14 Mar 2023
Heures de la Machine	21827	20270	19847	19072
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

CMI - COMBINED METAL INDUSTRIES
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 F:



État d'huile

Visc 100°C	cSt	12.4	14.3	13.8	14.3
Oxydation (PA)	%	71	57	64	60



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0.3	0.1	0.2	0.1
Nitration (PA)	%	81	54	68	61
Sulfatation (PA)	%	57	54	53	58
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	5	6	5
Sodium	ppm	4	1	2	1
Potassium	ppm	0	0	0	0

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	6	3	5	4
Cuivre	ppm	2	1	2	<1
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	3	2	3	3
Chrome	ppm	0	0	0	0
Molybdène	ppm	60	58	59	58
Nickel	ppm	0	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	923	1045	1059	1113
Magnésium	ppm	1072	968	988	962
Zinc	ppm	1208	1192	1194	1217
Phosphore	ppm	1026	1056	1072	1111
Baryum	ppm	0	0	0	0
Bore	ppm	22	3	1	<1

Depot: COMWES
 Unique No: 5787093
 Signed: Kevin Marson
 Report Date: 29 May 2024



Graphs

