

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 118664-1216 - Diesel Engine

Sample No: LH0270619

Oil Type: PETRO CANADA SUPREME 5W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270619	LH0257023	LH0251652	LH0247454
Date d'échant.	05 Jul 2023	12 Apr 2023	09 Feb 2023	13 Jan 2023
Heures de la Machine	10728	10117	9549	9244
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

RAM IRON AND METAL

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ÉTAT D'HUILE

Visc 100°C	cSt	11.6	13.0	13.5	12.6
Oxydation (PA)	%	96	69	60	69



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	91	78	58	75
Sulfatation (PA)	%	64	61	56	56
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	7	6	6	6
Sodium	ppm	4	1	1	2
Potassium	ppm	0	0	0	<1



MÉTAUX D'USURE

Fer	ppm	5	3	2	3
Cuivre	ppm	2	<1	2	2
Plomb	ppm	1	<1	<1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	<1	1	<1	1
Chrome	ppm	<1	0	0	0
Molybdène	ppm	53	61	58	59
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	981	1147	1116	1165
Magnésium	ppm	1029	999	950	954
Zinc	ppm	1193	1238	1177	1196
Phosphore	ppm	1040	1088	1101	1049
Baryum	ppm	0	0	0	0
Bore	ppm	24	3	5	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.

Depot: RAMTOR
Unique No: 5607622
Signed: Wes Davis
Report Date: 18 Jul 2023



GRAPHS

