

LIEBHERR

CONSTRUCTION EQUIPMENT



[(366409)] LIEBHERR R945 053994-1866 - Diesel Engine

Sample No: LH0289723

Oil Type: PETRO CANADA 10W40



Information sur l'échantillon

Numéro d'échant.	LH0289723	LH0285030	LH0237701	LH0202863
Date d'échant.	02 May 2024	08 Feb 2024	11 Aug 2023	25 May 2023
Heures de la Machine	4540	4053	3069	2611
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	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	13.5	13.3	13.5	13.1
Oxydation (PA)	%	61	64	66	67

T: (613)257-4995
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Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	62	67	68	68
Sulfatation (PA)	%	51	51	55	53
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	6	7	6
Sodium	ppm	1	1	2	2
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	3	3	3	4
Cuivre	ppm	<1	2	2	2
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	<1	1	<1	1
Chrome	ppm	0	<1	<1	0
Molybdène	ppm	59	60	59	59
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	1056	1077	1111	1104
Magnésium	ppm	984	982	996	993
Zinc	ppm	1206	1198	1236	1203
Phosphore	ppm	1002	1028	1092	1097
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	2	3

Depot: CAVASH
Unique No: 5774570
Signed: Wes Davis
Report Date: 06 May 2024



Graphs

