

LIEBHERR

CONSTRUCTION EQUIPMENT



[(349196)] KENWORTH C29 - Diesel Engine

Sample No: LH0288300

Oil Type: PETRO CANADA SUPREME 5W30



Information sur l'échantillon

Numéro d'échant.	LH0288300	LH0281241	LH0265585	LH0250733
Date d'échant.	23 Apr 2024	23 Jan 2024	25 Oct 2023	03 Mar 2023
Heures de la Machine	13157	12000	11042	8201
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

Eacom Timber Corporation
 100 Old Nairn Centre Road
 Nairn Centre, ON
 CA P0M 2L0
 Contact: Service Manager



État d'huile

Visc 100°C	cSt	12.1	11.9	11.4	11.9
Oxydation (PA)	%	104	104	100	106

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	98	97	88	95
Sulfatation (PA)	%	66	65	64	71
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	8	7	7
Sodium	ppm	4	5	4	5
Potassium	ppm	0	<1	0	<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	6	6	5	6
Cuivre	ppm	2	2	2	2
Plomb	ppm	0	0	<1	0
Étain	ppm	0	<1	0	<1
Aluminium	ppm	<1	2	1	1
Chrome	ppm	0	<1	0	0
Molybdène	ppm	56	57	58	62
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	818	822	816	919
Magnésium	ppm	1105	1098	1113	1165
Zinc	ppm	1189	1170	1194	1259
Phosphore	ppm	989	1019	1007	1118
Baryum	ppm	0	0	<1	0
Bore	ppm	25	25	16	25

Depot: EACNAI
Unique No: 5787013
Signed: Kevin Marson
Report Date: 28 May 2024



Graphs

