

LIEBHERR

CONSTRUCTION EQUIPMENT



[ELG] LIEBHERR A924C 036737-1049 - Diesel Engine

Sample No: LH

Oil Type: PETRO CANADA 10W30



ELG Canada

4375 CORPORATE DRIVE
BURLINGTON, ON
CA L7L 5P7

Contact: Service Manager

T:

F: (905)335-9687

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH	LH0086806	LH0083233	LH0083245
Date d'échant.	14 Mar 2024	12 Dec 2014	29 Aug 2014	24 Jul 2014
Heures de la Machine	17745	11613	11116	10800
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Not Changd
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 100°C	cSt	13.9	11.9	11.8	12.0
Oxydation (PA)	%	86	60	61	59



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0.6	0.9	1.3	0.9
Nitration (PA)	%	93	61	63	56
Sulfatation (PA)	%	79	65	65	62
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	7	7	7
Sodium	ppm	8	3	3	3
Potassium	ppm	10	0	<1	0



MÉTAUX D'USURE

Fer	ppm	38	17	20	14
Cuivre	ppm	18	23	114	77
Plomb	ppm	22	2	5	4
Étain	ppm	1	<1	<1	<1
Aluminium	ppm	4	2	2	2
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	53	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	<1	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	2576	2430	2454	2447
Magnésium	ppm	89	9	9	8
Zinc	ppm	1303	1238	1245	1220
Phosphore	ppm	1128	1065	1047	1035
Baryum	ppm	<1	<1	<1	<1
Bore	ppm	39	2	<1	1

Depot: STR437BUR

Unique No: 5747414

Signed: Kevin Marson

Report Date: 15 Mar 2024



GRAPHS

