

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145793-1216 - Diesel Engine

Sample No: LH

Oil Type: PETRO CANADA DURON UHP 5W30



PF Resolu Canada Inc.
5850 avenue des jardins
La Dore, QC
CA G8J 1B4
Contact: Dominic Caron



SAMPLE INFORMATION

Sample Number	LH	LH	LH	LH
Sample Date	16 Jan 2024	19 Dec 2023	27 Nov 2023	12 Nov 2023
Machine Hours	6000	5500	5063	4500
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 100°C	cSt	12.0	12.0	12.0	11.9
Oxidation (PA)	%	79	80	82	80



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0	0	0	0
Nitration (PA)	%	77	78	80	78
Sulfation (PA)	%	58	57	58	58
Glycol	%	0.0	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	6	6	6	6
Sodium	ppm	4	4	5	5
Potassium	ppm	13	1	0	0



WEAR METALS

Iron	ppm	2	2	2	2
Copper	ppm	<1	<1	<1	1
Lead	ppm	<1	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	1	<1	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	63	63	63	63
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	865	857	853	845
Magnesium	ppm	1147	1157	1164	1159
Zinc	ppm	1247	1250	1264	1283
Phosphorus	ppm	1082	1065	1065	1046
Barium	ppm	0	0	<1	<1
Boron	ppm	41	37	36	33

T:
F:

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: ABILAD
Unique No: 5711010
Signed: Kevin Marson
Report Date: 19 Jan 2024



GRAPHS

