

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 114790-1253 - Splitter Box

Sample No: LH0288047

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0288047	LH0280956	LH0242106	LH0250477
Sample Date	12 Apr 2024	19 Jan 2024	10 Oct 2023	24 Mar 2023
Machine Hours	9051	8550	7937	6744
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DAVIS TRADING & SUPPLY LTD.
 110 GRANT STREET
 VANCOUVER, BC
 CA V6A 2J6
 Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	143	98.6	113	152
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	4	8	7
Sodium	ppm	2	1	2	2
Potassium	ppm	<1	<1	<1	1

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



Wear Metals

Iron	ppm	14	13	23	14
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	2	2
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	11	15	17	21
Magnesium	ppm	2	2	2	2
Zinc	ppm	30	38	38	39
Phosphorus	ppm	1483	1339	1571	2248
Barium	ppm	<1	0	<1	0
Boron	ppm	93	260	182	36

Depot: DAV110VAN
 Unique No: 5762836
 Signed: Kevin Marson
 Report Date: 17 Apr 2024



Graphs

