

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(340370)] LIEBHERR R945 050696-1866 - Splitter Box

Sample No: LH0247009

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0247009	LH0178576	LH0222718	LH0213891
Sample Date	27 Jun 2023	18 Jul 2022	28 Apr 2022	16 Dec 2021
Machine Hours	4010	2482	2019	1446
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**CLOUTHIER VENTURES LTD.**  
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 PEMBROKE, ON  
 CA K8A 0A6  
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#### OIL CONDITION

Visc @ 40°C	cSt	138	119	129	105
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#### CONTAMINATION

Silicon	ppm	12	6	3	2
Sodium	ppm	2	2	2	2
Potassium	ppm	<1	1	<1	1



#### WEAR METALS

Iron	ppm	25	22	18	18
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	14	14	12	8
Magnesium	ppm	2	1	<1	2
Zinc	ppm	12	10	8	13
Phosphorus	ppm	1822	1687	1886	1491
Barium	ppm	0	0	0	<1
Boron	ppm	137	177	145	296

#### Diagnosis

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.

Depot: CLOPEM  
 Unique No: 5630839  
 Signed: Wes Davis  
 Report Date: 23 Aug 2023



### GRAPHS

