

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 038133-1168 - Splitter Box

Sample No: LH0203220

Oil Type: PETRO CANADA TRAXON XL SYN BLEND 75W90



SAMPLE INFORMATION

Sample Number	LH0203220	LH0239717	LH0215731	LH0195657
Sample Date	17 Jul 2023	12 Aug 2022	16 Nov 2021	20 May 2021
Machine Hours	11715	11049	10207	9259
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

D & G LANDSCAPING
 1341 COKER
 GREELY, ON
 CA K4P 1A1
 Contact: Maintenance



OIL CONDITION

Visc @ 40°C	cSt	83.6	85.8	83.1	88.5
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T:
F:



CONTAMINATION

Silicon	ppm	4	4	3	4
Sodium	ppm	<1	1	<1	2
Potassium	ppm	<1	<1	<1	<1

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.



WEAR METALS

Iron	ppm	17	22	15	19
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	<1	<1	4
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	30	29	41	83
Magnesium	ppm	5	5	10	53
Zinc	ppm	108	92	107	131
Phosphorus	ppm	1160	1217	1298	1306
Barium	ppm	0	0	0	0
Boron	ppm	253	278	271	211

Depot: DGLGRE
 Unique No: 5616339
 Signed: Wes Davis
 Report Date: 20 Jul 2023



GRAPHS

