

LIEBHERR

CONSTRUCTION EQUIPMENT



056255-1007 - Splitter Box

Sample No: LH0292221

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



Sample Information

Sample Number	LH0292221	LH0270057	LH0235492	LH0133031
Sample Date	26 Jun 2024	14 Jul 2023	27 Jun 2022	24 Oct 2018
Machine Hours	17524	16930	0	14295
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

American Iron and Metal

9100 BOUL HENRI-BOURASSA EST
MONTREAL, QC
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Contact: Sebastien Liautaud
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Oil Condition

Visc @ 40°C	cSt	92.3	103	132	55.2
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	3	3
Sodium	ppm	3	3	3	<1
Potassium	ppm	<1	<1	0	1



Wear Metals

Iron	ppm	17	18	33	46
Copper	ppm	<1	<1	6	3
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	<1	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	38	36	21	55
Magnesium	ppm	9	5	4	37
Zinc	ppm	109	102	60	334
Phosphorus	ppm	1224	1479	1737	434
Barium	ppm	<1	<1	<1	<1
Boron	ppm	192	145	18	10

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: AMEMON
Unique No: 5802838
Signed: Wes Davis
Report Date: 03 Jul 2024



Graphs

