

LIEBHERR

CONSTRUCTION EQUIPMENT



116431-1217 - Splitter Box

Sample No: LH0278858

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0278858	LH0277752	LH0270563	LH0247164
Sample Date	30 Apr 2024	08 Jan 2024	25 Sep 2023	09 May 2023
Machine Hours	8543	8104	7608	7133
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

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Oil Condition

Visc @ 40°C	cSt	95.5	77.1	88.6	102
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	4	5
Sodium	ppm	1	1	1	2
Potassium	ppm	<1	1	1	<1



Wear Metals

Iron	ppm	25	29	39	36
Copper	ppm	1	1	2	1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<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	103	135	165	186
Magnesium	ppm	3	3	2	2
Zinc	ppm	194	224	235	207
Phosphorus	ppm	1486	1037	1425	1799
Barium	ppm	0	0	<1	0
Boron	ppm	40	51	111	61

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.

Depot: BAKOTT
Unique No: 5775079
Signed: Wes Davis
Report Date: 07 May 2024



Graphs

