

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A944C063266 - Splitter Box

Sample No: LH0274439

Oil Type: PETRO CANADA TRAXON XL SYN BLEND 75W90



SAMPLE INFORMATION

Sample Number	LH0274439	LH	LH0133866	LH0130344
Sample Date	04 Aug 2023	21 Mar 2019	17 Oct 2018	13 Jul 2018
Machine Hours	19020	12983	12442	11950
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Posner Metals

610 Beach Rd.
Hamilton, ON
CA L8H 3L1
Contact: Oscar Riano
oscar@posner.ca
T: (905)971-6754
F: (905)549-6044



OIL CONDITION

Visc @ 40°C	cSt	68.2	78.1	77.9	80.2
-------------	-----	------	------	------	------



CONTAMINATION

Silicon	ppm	6	1	<1	1
Sodium	ppm	2	<1	1	1
Potassium	ppm	<1	<1	1	0



WEAR METALS

Iron	ppm	69	8	8	6
Copper	ppm	1	1	<1	<1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	3	<1	<1	0
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	2	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	2	1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	102	64	53	49
Magnesium	ppm	18	6	4	6
Zinc	ppm	238	119	108	92
Phosphorus	ppm	1085	1047	1048	1146
Barium	ppm	<1	0	0	0
Boron	ppm	143	248	256	258

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. The water content is negligible. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: POSHAM
Unique No: 5619968
Signed: Wes Davis
Report Date: 09 Aug 2023



GRAPHS

