

LIEBHERR

CONSTRUCTION EQUIPMENT



[(351064)] 122398-1216 - Splitter Box

Sample No: LH0281248

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0281248	LH0276907	LH0221744	LH0202593
Sample Date	07 Feb 2024	31 Oct 2023	19 Oct 2022	20 Oct 2021
Machine Hours	5387	5000	2789	584
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

American Iron and Metal

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OIL CONDITION

Visc @ 40°C	cSt	108	143	164	190
		●	●	●	●



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	● 2	● 4	● 0	● 1
Sodium	ppm	● <1	● 1	● <1	● 4
Potassium	ppm	● <1	● 1	● 0	● 2

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	● 11	● 16	● <1	● 20
Copper	ppm	● <1	● <1	● 0	● 3
Lead	ppm	● 0	● 0	● 0	● 0
Tin	ppm	● 0	● 0	● 0	● 0
Aluminum	ppm	● <1	● 1	● 0	● <1
Chromium	ppm	● 0	● 0	● 0	● <1
Molybdenum	ppm	● 0	● 0	● 0	● <1
Nickel	ppm	● <1	● <1	● 0	● <1
Titanium	ppm	● 0	● 0	● 0	● 0
Silver	ppm	● 0	● 0	● 0	● 0
Manganese	ppm	● 0	● 0	● 0	● 3
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIVES

Calcium	ppm	● 42	● 66	● <1	● 21
Magnesium	ppm	● 4	● 11	● 0	● 11
Zinc	ppm	● 53	● 77	● 2	● 67
Phosphorus	ppm	● 1569	2022	2390	● 1579
Barium	ppm	● 0	● 0	● 0	● 2
Boron	ppm	● 171	57	4	● 2

Depot: AMEHAM
Unique No: 5736466
Signed: Wes Davis
Report Date: 01 Mar 2024



GRAPHS

