

LIEBHERR

CONSTRUCTION EQUIPMENT



116431-1217 - Splitter Box

Sample No: LH0270563

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0270563	LH0247164	LH0153875	LH0239238
Sample Date	25 Sep 2023	09 May 2023	14 Dec 2022	29 Aug 2022
Machine Hours	7608	7133	6588	6053
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

2555 Sheffield Road
Ottawa, ON
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OIL CONDITION

Visc @ 40°C	cSt	88.6	102	122	89.8
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CONTAMINATION

Silicon	ppm	4	5	2	2
Sodium	ppm	1	2	1	2
Potassium	ppm	1	<1	<1	0



WEAR METALS

Iron	ppm	39	36	21	18
Copper	ppm	2	1	<1	<1
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	<1	<1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	165	186	114	100
Magnesium	ppm	2	2	1	2
Zinc	ppm	235	207	105	94
Phosphorus	ppm	1425	1799	1922	1379
Barium	ppm	<1	0	0	0
Boron	ppm	111	61	73	227

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: BAKOTT
Unique No: 5646689
Signed: Wes Davis
Report Date: 28 Sep 2023



GRAPHS

