

LIEBHERR

CONSTRUCTION EQUIPMENT



100881 - Splitter Box

Sample No: LH0289627

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0289627	LH0278806	LH0153888	LH0153901
Sample Date	01 May 2024	20 Nov 2023	16 Jun 2023	31 Oct 2022
Machine Hours	6972	6420	5929	5427
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
 CA K1B 3V6
 Contact: Marc Giguere
 magiguere@aim-global.com
 T: (438)334-4682
 F: (613)745-0692



Oil Condition

Visc @ 40°C	cSt	97.9	103	110	134
-------------	-----	------	-----	-----	-----



Contamination

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

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	8	12	20	36
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	12	15	17	32
Magnesium	ppm	2	<1	2	2
Zinc	ppm	15	18	22	23
Phosphorus	ppm	1197	1316	1528	1848
Barium	ppm	0	<1	0	0
Boron	ppm	238	274	225	158

Depot: BAKOTT
 Unique No: 5773993
 Signed: Wes Davis
 Report Date: 02 May 2024



Graphs

