

LIEBHERR

CONSTRUCTION EQUIPMENT



944 DE SHEFFIELD - Splitter Box

Sample No: LH0289614

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0289614	LH0285116	LH0274782	LH0256519
Sample Date	09 Jun 2024	07 Feb 2024	23 Nov 2023	21 Mar 2023
Machine Hours	19988	19498	19244	18037
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
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Oil Condition

Visc @ 40°C	cSt	87.0	94.4	106	90.2
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	3	9
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	<1	0	1



Wear Metals

Iron	ppm	34	39	2	119
Copper	ppm	<1	<1	15	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	0	<1	0	6
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	0	0	1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	24	25	6	114
Magnesium	ppm	6	10	<1	86
Zinc	ppm	62	36	16	121
Phosphorus	ppm	1183	1257	1222	1394
Barium	ppm	0	0	<1	0
Boron	ppm	295	286	297	276

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: 5799031
Signed: Wes Davis
Report Date: 12 Jun 2024



Graphs

