

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-123497 - Transmission

Sample No: LH0273449

Oil Type: VALVOLINE 15W40



SPARTAN RECYCLING
 3071 HOWARD ST
 SPARTANBURG, SC
 US 29303
 Contact: SERVICE MANAGER

T:
 F:



Sample Information

Sample Number	LH0273449	LH0212310	---	---
Sample Date	20 Jun 2024	30 Dec 2021	---	---
Machine Hours	5603	981	---	---
Oil Hours	500	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	64.4	49.5	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	6	4	---	---
Sodium	ppm	9	35	---	---
Potassium	ppm	2	3	---	---



Wear Metals

Iron	ppm	23	23	---	---
Copper	ppm	47	37	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	1	<1	---	---
Aluminum	ppm	3	44	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	36	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	14	33	---	---
Vanadium	ppm	0	<1	---	---



Additives

Calcium	ppm	1820	3485	---	---
Magnesium	ppm	217	7	---	---
Zinc	ppm	901	1142	---	---
Phosphorus	ppm	929	1132	---	---
Barium	ppm	<1	11	---	---
Boron	ppm	76	6	---	---

Diagnosis

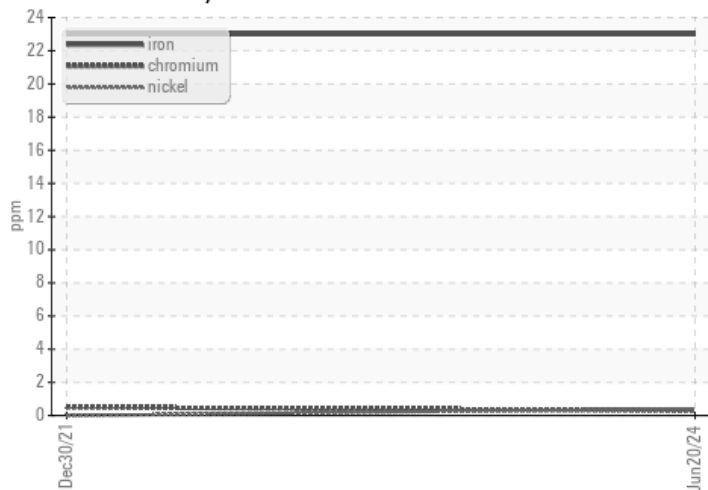
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SPASPALH
 Unique No: 11100879
 Signed: Don Baldrige
 Report Date: 29 Jun 2024

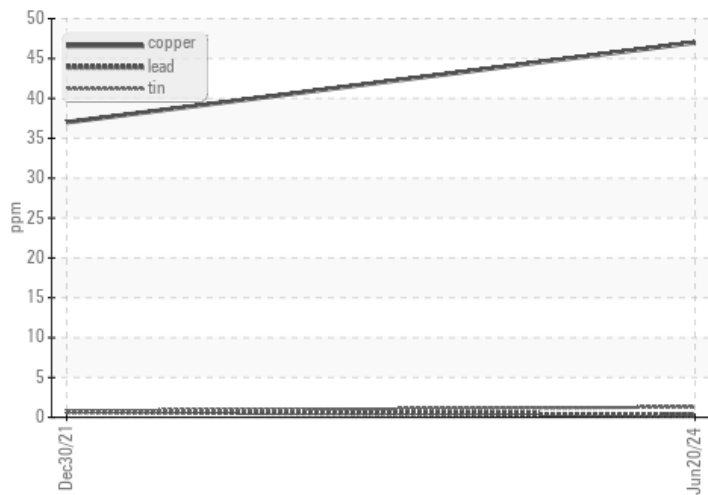


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

