

WEAR ABNORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

AMR-Sedalia Machine Id 567149 LIEBHERR LH50 124549 Component

Transmission (Manual)

LIEBHERR MOTOROIL 5W30 (--- GAL)

RECOMMENDATION

The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor.

		_	_	_
V	VF	- /	Δ	R
-		-"		•••

Moderate concentration of visible metal present. All component wear rates are normal.

CONTAMINATION

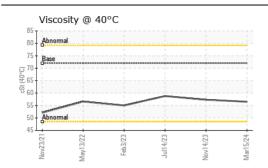
There is no indication of any contamination in the fluid.

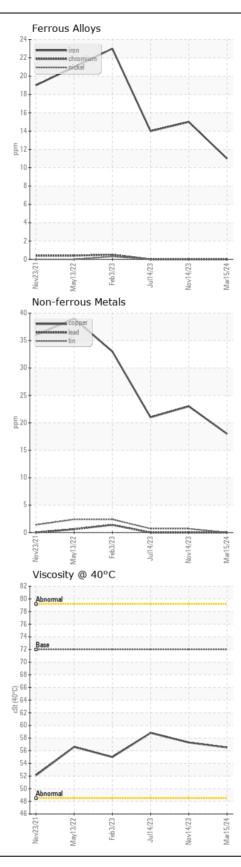
	FLUID CONDI	TION
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The condition of the fluid is acceptable for the time in service.

Sample Number Client Info DJJ0018459 DJJ0018627 D	
	listory2
Sample Date Client Info 15 Mar 2024 14 Nov 2023 14	JJ0019063
	4 Jul 2023
Machine AgehrsClient Info458440663	531
Oil Age hrs Client Info 0 1000 5	00
Filter Age hrs Client Info 0 0 0	
Oil Changed Client Info Changed N	ot Changd
Filter Changed Client Info N/A N/A	I/A
Sample Status ABNORMAL NORMAL N	IORMAL
Iron ppm ASTM D5185m >200 11 15 Observice 5 2 0 0 0	14
Chromium ppm ASTM D5185m >5 0 0 Nicked ASTM D5185m F 0 0 0	0
Nickel ppm ASTM D5185m >5 0 0 Titeraium ASTM D5185m >5 0 0 1	0
Titanium ppm ASTM D5185m 0 <1	0
Silver ppm ASTM D5185m >7 0 <1	0
Aluminum ppm ASTM D5185m >25 2 1	3
Lead ppm ASTM D5185m >45 0 0	0
Copper ppm ASTM D5185m >225 18 23	21
Tin ppm ASTM D5185m >10 0 <1	<1
Vanadium ppm ASTM D5185m 0 0	0
White Metal scalar *Visual NONE NONE NONE	NONE
Yellow Metal scalar *Visual NONE A MODER NONE	NONE
Silicon ppm ASTM D5185m >125 5 5	4
Potassium ppm ASTM D5185m >20 0 4	3
Water WC Method >0.1 NEG NEG	NEG
Silt scalar *Visual NONE NONE NONE	NONE
Debris scalar *Visual NONE NONE LIGHT	NONE
Sand/Dirt scalar *Visual NONE NONE NONE	NONE
Appearance scalar *Visual NORML NORML NORML	NORML
Odor scalar *Visual NORML NORML NORML	NORML
Emulsified Water scalar *Visual >0.1 NEG NEG	NEG
Sodium ppm ASTM D5185m 6 5	7
Boron ppm ASTM D5185m 236 238 264	261
Barium ppm ASTM D5185m 0 0 0	0
	4
Molybdenum ppm ASTM D5185m 0 <1 3	6
Molybdenum ppm ASTM D5185m 0 <1	27
Manganese ppm ASTM D5185m <1 6 5	3843
Manganese ppm ASTM D5185m <1	3843 1042
Manganese ppm ASTM D5185m <1	
Manganese ppm ASTM D5185m <1	1042

Contact/Location: SCOTT TUTTLE - ADVSED





Received

Diagnosed

Tested

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 ADVANTAGE METALS RECYCLING - SEDALIA : 21 Mar 2024 300 N IRON AVE : 25 Mar 2024 SEDALIA, MO : 25 Mar 2024 - Don Baldridge US 65301 Contact: SCOTT TUTTLE scott.tuttle@advantagerecycling.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (660)827-1873 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (660)827-5304



Report Id: ADVSED [WUSCAR] 06125267 (Generated: 03/25/2024 14:56:29) Rev: 1

Certificate L2367

Laboratory

Sample No.

Lab Number : 06125267

Unique Number : 10939418

Test Package : CONST

: DJJ0018459

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact/Location: SCOTT TUTTLE - ADVSED

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