

LIEBHERR A924C 056977-1049 - Front Differential

Sample No: LH06132476

Oil Type: GEAR OIL SAE 80W90

Sample Information

Sample Number	LH06132476	LHMC79105	LH03109733	
Sample Date	21 Mar 2024	05 Oct 2016	23 Jul 2012	
Machine Hours	16385	10210	2162	
Oil Hours	0	0	0	
Oil Changed	N/A	Not Changd	Changed	
Sample Status	ABNORMAL	NORMAL	NORMAL	



ndition		
cSt	0 140	

Con	ntaminati	on			
Water	%	NEG	NEG	NEG	
Silicon	ppm) 34	○ <1	3	
Sodium	ppm	03	0 2	3	
Potassium	ppm	06	○ <1	○ <1	

0 111.9

155.9

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Wea	<mark>r Metal</mark>	S			
Iron	ppm	0 47	5	0 11	
Copper	ppm	0 2	0 1	0 4	
Lead	ppm	0	0 1	0	
Tin	ppm	○ <1	0 2	0	
Aluminum	ppm	 15	0	◯ <1	
Chromium	ppm	0	◯ <1	◯ <1	
Molybdenum	ppm	0	<1	0	
Nickel	ppm	01	◯ <1	<1	
Titanium	ppm	<1	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	01	<1	<1	
Vanadium	ppm	0	0	0	

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Calcium	ppm	0 79	7	340	
Magnesium	ppm	06	0	<1	
Zinc	ppm	07	6	150	
Phosphorus	ppm	0 284	1222	1776	
Barium	ppm	0	0	3	
Boron	ppm	0 12	143	9	





RECO EQUIPMENT INC.

1615 JP HENESSY DRIVE LAVERGNE, TN US 37086 Contact: KEN FISCHER

T: (615)610-7326 F:

Diagnosis

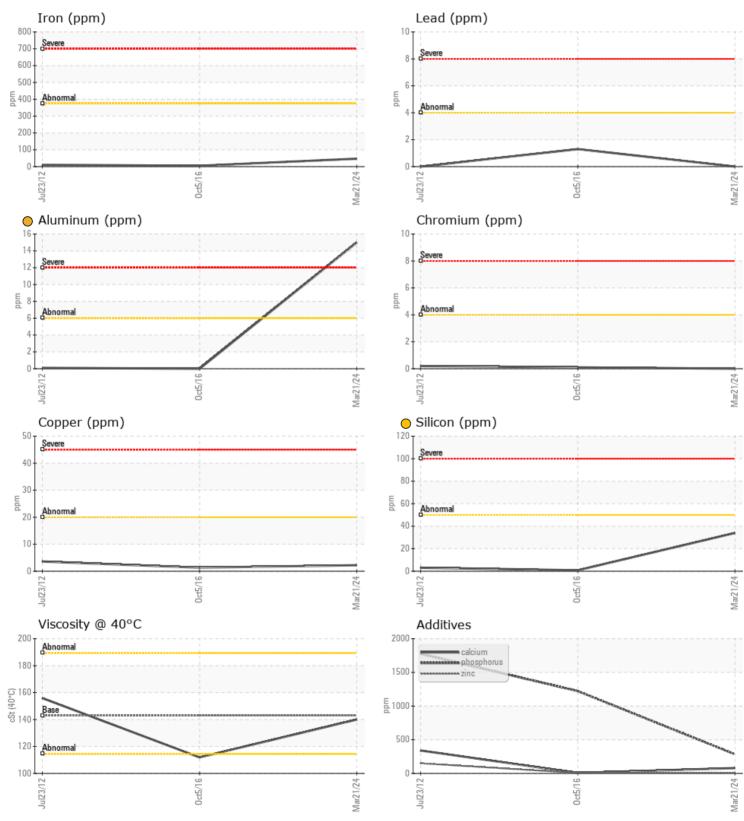
We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

Depot:RECLAVUnique No:10951941Signed:Sean FeltonReport Date:02 Apr 2024





Graphs



Report Id: RECLAV [WUSCAR] 06132476 (Generated: 04/05/2024 04:07:23) Rev: 1

Contact/Location: WEBCHECK IN LEC0081 - KEN FISCHER - RECLAV