CONSTRUCTION EQUIPMENT

[[FH PACSHEM]] GRADALL XL4100II 140000450 - Hydraulic S

Sample No: LH0254398

THF

Oil Type:

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SAMPLE INFORMATION

Sample Number	LH0254398	 	
Sample Date	19 Jun 2023	 	
Machine Hours	1700	 	
Oil Hours	0	 	
Oil Changed	Not Changd	 	
Sample Status	ABNORMAL	 	

OIL CO	DNDITION		
Visc @ 40°C	cSt	0 46.9	
Acid Number (AN)	mg KOH/g	0.79	

CONTAMINATION

		· · · · ·		
Particles >4µm		O 20000	 	
Particles >6µm		O 2616	 	
Particles >14µm		66	 	
ISO 4406:1999 (c)		21/19/13	 	
Silicon	ppm	0 12	 	
Sodium	ppm	○ <1	 	
Potassium	ppm	02	 	

WEAR METALS

Iron	ppm	6	 	
Copper	ppm	0 2	 	
Lead	ppm	0	 	
Tin	ppm	<mark></mark> <1	 	
Aluminum	ppm	01	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	3	 	
Nickel	ppm	<mark></mark> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

0

	ITIVES			
Calcium	ppm	3295	 	
Magnesium	ppm	27	 	
Zinc	ppm	1365	 	
Phosphorus	ppm	1085	 	
Barium	ppm	0	 	
Boron	ppm	123	 	



FINKBINER EQUIPMENT CO.

15 W 400 N FRONTAGE RD BURR RIDGE, IL US 60527 Contact: TROY MILLER tmiller@finkbiner.com T: (630)654-3700 F: (630)654-3792

Diagnosis

The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

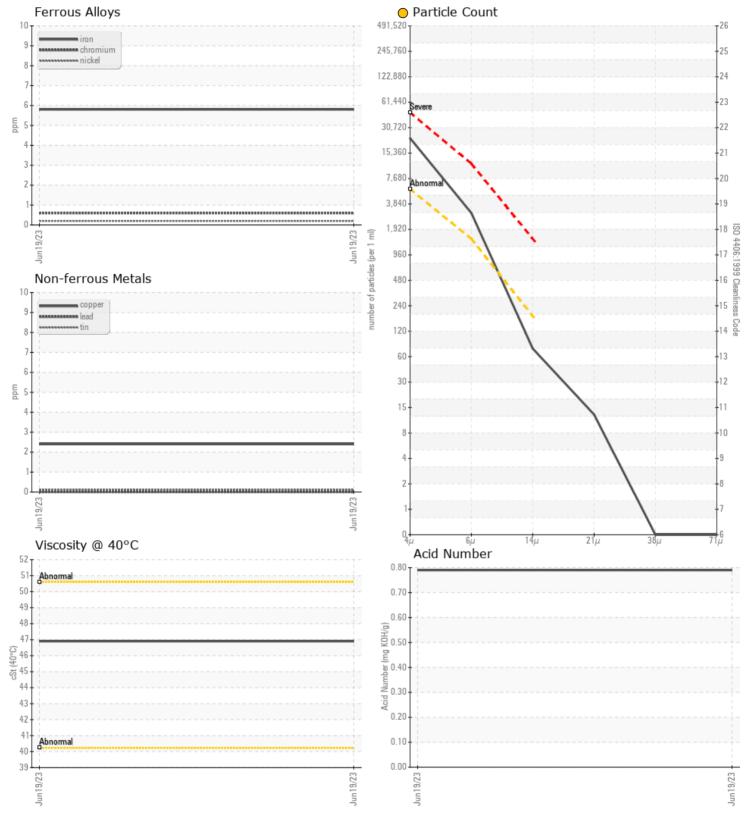
Depot:	LEC0033
Unique No:	10548664
Signed:	Wes Davis
Report Date:	10 Jul 2023

CONSTRUCTION EQUIPMENT



GRAPHS

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Report Id: LEC0033 [WUSCAR] 05892854 (Generated: 07/10/2023 14:33:07) Rev: 1

Contact/Location: TROY MILLER - LEC0033