CONSTRUCTION EQUIPMENT

[[GELENA ROAD GRAVEL]] LIEBHERR L556 068648-1827 - Diese

Sample No: LHMC133217

Oil Type: MOBIL DELVAC 1300 SUPER 10W30

SAMPLE INFORMATION

Sample Number	LHMC133217	 	
Sample Date	11 Sep 2023	 	
Machine Hours	1000	 	
Oil Hours	500	 	
Oil Changed	Changed	 	
Sample Status	ABNORMAL	 	

OIL CO	NDITION			
Visc @ 100°C	cSt	11.6	 	-
Base Number (BN)	mg KOH/g	06.6	 	-
Oxidation (PA)	%	67	 	-

	TAMIN	ATION		
Soot %	%	0.1	 	
Nitration (PA)	%	77	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	09	 	
Sodium	ppm	0	 	
Potassium	ppm	0 5	 	

WEAR METALS

Iron	ppm	3	 	
Copper	ppm	<mark>)</mark> 216	 	
Lead	ppm	○ <1	 	
Tin	ppm	○ <1	 	
Aluminum	ppm	02	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	5	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0 🔘	 	
Manganese	ppm	○ <1	 	
Vanadium	ppm	0	 	

0

ITIVES					
ppm	0 1295				
ppm	663				
ppm	0 820				
ppm	663				
ppm	0 14				
ppm	071				
	ppm ppm ppm ppm	ppm 1295 ppm 663 ppm 820 ppm 663 ppm 14	ppm 1295 ppm 663 ppm 820 ppm 663 ppm 14	ppm 1295 ppm 663 ppm 820 ppm 663 ppm 663 ppm 14	ppm 1295 ppm 663 ppm 820 ppm 663 ppm 663 ppm 14



FINKBINER EQUIPMENT

3501 N. MAIN ST EAST PEORIA, IL US 61611 Contact: Mike Plummer mplummer@finkbiner.com T: F:

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot:FINEASILUnique No:10711185Signed:JonathanReport Date:26 Oct 200

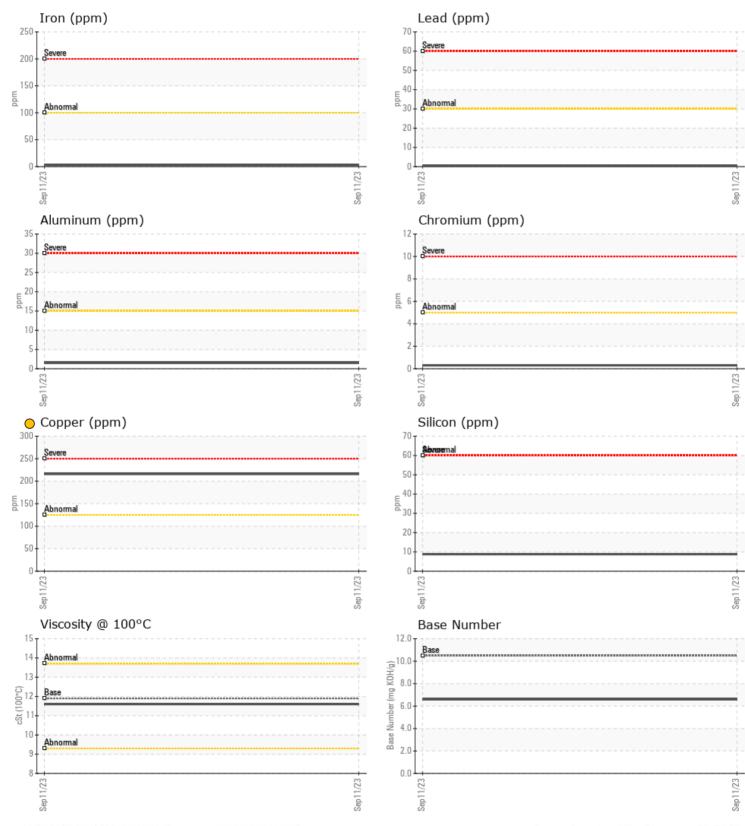
10711185 Jonathan Hester 26 Oct 2023





GRAPHS

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Contact/Location: Mike Plummer - FINEASIL