# LIEBHERR





### [[GELENA ROAD GRAVEL]] LIEBHERR L556 068648-1827 - Rear Diff

Sample No: LHMC124457

Oil Type: LIEBHERR GEAR BASIC 90 LS

Sample Number   Sample Number   Sample Number   Sample Number   Sample Number   Sample Number   Sample Date   11 Sep 2023	_				
Sample Date	U SAM	PLE INFO	ORMATION		
Sample Date				 	
Machine Hours	•				
Dil Hours	•				
Changed   Chan					
OIL CONDITION					
Oil CONDITION  Visc @ 40°C	-				
CONTAMINATION  Silicon ppm	Sample Status		ABNORMAL	 	
CONTAMINATION  Silicon					
CONTAMINATION  Silicon	OIL	ONDITION	ON		
CONTAMINATION  Silicon	Visc @ 40°C	cSt	<b>194</b>	 	
Silicon	-1				
Silicon	CON				
Sodium	CON	IAMINA	ATION		
VEAR METALS	Silicon	ppm	<b>29</b>	 	
WEAR METALS           ron         ppm         426	Sodium	ppm	<b>6</b>	 	
WEAK METALS	Potassium	ppm	<b>1</b>	 	
Calcium   ppm   Q 2				 	
Calcium   ppm   Q 2				 	
Tin ppm 12					
Aluminum ppm 2					
Chromium         ppm         3   <					
Molybdenum ppm 0 0 Nickel ppm 0 5					
Nickel				 	
Titanium ppm 0 Silver ppm 0	•		-	 	
Silver ppm 0		ppm	<b>5</b>	 	
Manganese         ppm         33              Vanadium         ppm         0              ADDITIVES         Calcium         ppm         4              Magnesium         ppm         0               Zinc         ppm         36               Phosphorus         ppm         2594	Titanium	ppm	0	 	
Vanadium         ppm         0              ADDITIVES           Calcium         ppm         4              Magnesium         ppm         0              Zinc         ppm         36              Phosphorus         ppm         2594	Silver	ppm	0	 	
ADDITIVES  Calcium	Manganese	ppm	33	 	
Calcium         ppm         4              Magnesium         ppm         0              Zinc         ppm         36              Phosphorus         ppm         2594	/anadium	ppm	0	 	
Magnesium         ppm         0              Zinc         ppm         36              Phosphorus         ppm         2594	ADD	ITIVES			
Magnesium         ppm         0              Zinc         ppm         36              Phosphorus         ppm         2594	Calcium	mag	O 4	 	
Zinc ppm 36 Phosphorus ppm 2594				 	
Phosphorus ppm <b>2594</b>	-				
	Barium	ppm	0 0		



#### FINKBINER EQUIPMENT

3501 N. MAIN ST EAST PEORIA, IL US 61611

Contact: ZACH WAKID zwakid@finkbiner.com T: (309)863-4831

F:

#### Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:FINEASILUnique No:10698005Signed:Sean FeltonReport Date:18 Oct 2023

**8** 

ppm

Boron

## LIEBHERR

CONSTRUCTION EQUIPMENT





#### **GRAPHS**

