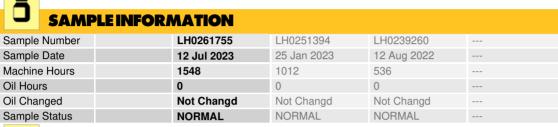
LIEBHERR

CONSTRUCTION EQUIPMENT

[(369352)] 137240-1215 - Hydraulic System

Sample No: LH0261755
Oil Type: NOT GIVEN

Visc





American Iron and Metal 4350 HARVESTER ROAD BURLINGTON, ON CA L7L 5S4 Contact: Service Manager

T: F:

	OIL CO	NDITION				
@	40°C	cSt	42.6	43.5	44.0	
-						

CONTAMINATION						
Particles >4µm		6975	O 2385			
Particles >6µm		1898	O 553	904		
Particles >14µm		97	○ 30	41		
ISO 4406:1999 (c)		20/18/14	18/16/12	20/17/13		
Silicon	ppm	4	4	3		
Sodium	ppm	2	0 1	O 2		
Potassium ppm		1	O <1	O 2		

rotassium	ppiii		0 < 1	0 2			
WEAR METALS							
W EAR ME I ALS							
Iron	ppm	7	6	5			
Copper	ppm	2	O 2	O 2			
Lead	ppm	0 <1	O <1	O <1			
Tin	ppm	0	O 0	O 0			
Aluminum	ppm	0 <1	O <1	O <1			
Chromium	ppm	0 <1	O 0	O 0			
Molybdenum	ppm	<1	<1	0			
Nickel	ppm	0	O 0	<1			
Titanium	ppm	0	0	0			
Silver	ppm	<1	0	0			
Manganese	ppm	<1	<1	<1			
Vanadium	ppm	0	0	0			

Vanadium	ppm	U	0	U	
ADDITIVES					
Calcium	ppm	1179	1269	1165	
Magnesium	ppm	8	7	4	
Zinc	ppm	708	697	654	
Phosphorus	ppm	637	665	578	
Barium	ppm	0	0	0	
Boron	ppm	7	7	<1	

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot:AIMBURUnique No:5606804Signed:Wes DavisReport Date:14 Jul 2023

CONSTRUCTION EQUIPMENT





GRAPHS

