

LIEBHERR

CONSTRUCTION EQUIPMENT



[(369352)] 137 240-1215 - Hydraulic System

Sample No: LH0261755
 Oil Type: NOT GIVEN



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

T:
 F:

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.



SAMPLE INFORMATION

Sample Number	LH0261755	LH0251394	LH0239260	---
Sample Date	12 Jul 2023	25 Jan 2023	12 Aug 2022	---
Machine Hours	1548	1012	536	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	42.6	43.5	44.0	---
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CONTAMINATION

Particles >4µm		6975	2385	7014	---
Particles >6µm		1898	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	1	2	---
Potassium	ppm	1	<1	2	---



WEAR METALS

Iron	ppm	7	6	5	---
Copper	ppm	2	2	2	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



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	---

Depot: AIMBUR
 Unique No: 5606804
 Signed: Wes Davis
 Report Date: 14 Jul 2023

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GRAPHS

