

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR766 024157-1681 -Hydraulic System

Sample No: LH0269696

Oil Type: LIEBHERR HYDRAULIC HVI



NUTRIEN CORY POTASH
 12KM WEST OF SASKATOON HWY #7
 SASKATOON, SK
 CA S7K 3L6
 Contact: Service Manager

T:
 F:



SAMPLE INFORMATION

Sample Number	LH0269696	---	---	---
Sample Date	07 Nov 2023	---	---	---
Machine Hours	1018	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 43.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 11461	---	---	---
Particles >6µm		● 1572	---	---	---
Particles >14µm		● 102	---	---	---
ISO 4406:1999 (c)		21/18/14	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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.



WEAR METALS

Iron	ppm	● 12	---	---	---
Copper	ppm	● 9	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 1449	---	---	---
Magnesium	ppm	● 4	---	---	---
Zinc	ppm	● 637	---	---	---
Phosphorus	ppm	● 605	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● <1	---	---	---

Depot: NUT12SAS
Unique No: 5683934
Signed: Wes Davis
Report Date: 27 Nov 2023



GRAPHS

