

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 1218-157090 - Splitter Box

Sample No: LH0282874

Oil Type: SAE 30W



KINDER MORGAN
 4301 IVERSON
 TRINITY, AL
 US 35601
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Sample Information

Sample Number	LH0282874	LH0282896	---	---
Sample Date	18 May 2024	19 Mar 2024	---	---
Machine Hours	1559	545	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	ATTENTION	ATTENTION	---	---



Oil Condition

Visc @ 40°C	cSt	● 95.8	● 192	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 4	● <1	---	---
Sodium	ppm	● 2	● 4	---	---
Potassium	ppm	● 2	● 1	---	---



Wear Metals

Iron	ppm	● 21	● 11	---	---
Copper	ppm	● 1	● 1	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 2	---	---
Aluminum	ppm	● 1	● <1	---	---
Chromium	ppm	● <1	● 0	---	---
Molybdenum	ppm	● 5	● 0	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	● <1	● 0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● <1	● 1	---	---
Vanadium	ppm	<1	<1	---	---



Additives

Calcium	ppm	● 273	● 25	---	---
Magnesium	ppm	● 41	● 0	---	---
Zinc	ppm	● 200	● 16	---	---
Phosphorus	ppm	● 1170	● 1690	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	● 7	● 0	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: KINTRI
 Unique No: 11049371
 Signed: Don Baldrige
 Report Date: 30 May 2024



Graphs

