

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 1218-157090 - Splitter Box

Sample No: LH0282885

Oil Type: SAE 30W



KINDER MORGAN
 4301 IVERSON
 TRINITY, AL
 US 35601
 Contact: RICKY JOHNSON
 ricky_johnson@kindermorgan.com
 T:
 F: (256)355-5250



Sample Information

Sample Number	LH0282885	LH0282896	---	---
Sample Date	19 Apr 2024	19 Mar 2024	---	---
Machine Hours	997	545	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	ATTENTION	ATTENTION	---	---



Oil Condition

Visc @ 40°C	cSt	191	192	---	---
-------------	-----	-----	-----	-----	-----



Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	5	<1	---	---
Sodium	ppm	1	4	---	---
Potassium	ppm	4	1	---	---



Wear Metals

Iron	ppm	18	11	---	---
Copper	ppm	2	1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	<1	<1	---	---



Additives

Calcium	ppm	32	25	---	---
Magnesium	ppm	3	0	---	---
Zinc	ppm	29	16	---	---
Phosphorus	ppm	1731	1690	---	---
Barium	ppm	1	0	---	---
Boron	ppm	2	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. The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: KINTRI
 Unique No: 11090308
 Signed: Sean Felton
 Report Date: 25 Jun 2024



Graphs

