CONSTRUCTION EQUIPMENT

LIEBHERR LH80M 1218-157090 - Front Differential

Sample No: LH0267079

Oil Type: GEAR OIL SAE 80W90

J Sample Information

Sample Number		LH0267079	LH0282870	LH0282881	LH0282892
Sample Date		10 Jun 2024	18 May 2024	19 Apr 2024	19 Mar 2024
Machine Hours		2008	1559	997	545
Oil Hours		1035	0	0	0
Oil Changed		Changed	Not Changd	Changed	Not Changd
Sample Status		ATTENTION	ATTENTION	NORMAL	NORMAL
Oil Co	ndition				
Visc @ 40°C	cSt	0 77.7	83.5	0 162	0 163
11					

Co	ontaminati	on				
Water	%	NEG	NEG	NEG	NEG	
Silicon	ppm	0 5	0 6	6	○ 5	
Sodium	ppm	0	3	3	0 4	
Potassium	mqq	01	0 2	0 1	○ <1	

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Wea	r Metals				
Iron	ppm	1 4	29	0 14	0 9
Copper	ppm	02	0 2	05	3
Lead	ppm	0 🔘	0	0	0
Tin	ppm	0 ()	0	◯ <1	02
Aluminum	ppm	02	6	0 1	◯ <1
Chromium	ppm	○ <1	○ <1	0	◯ <1
Molybdenum	ppm	04	○ 5	0	0
Nickel	ppm	0 🔘	○ <1	0	◯ <1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0 🔘	◯ <1	0 1	◯ <1
Vanadium	ppm	0	<1	0	<1





KINDER MORGAN

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Diagnosis

The oil change at the time of sampling has been noted. 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 lower than normal. Confirm oil type.

Depot: KINTRI Unique No: 11089049 Signed: Don Baldridge Report Date: 23 Jun 2024 Submitted By: ?





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Graphs

