

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 1216-123739 - Splitter Box

Sample No: LH0211656

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0211656	LH0211642	LH0211628	LH0211600
Sample Date	09 Aug 2023	28 Mar 2023	18 Jan 2023	11 Aug 2022
Machine Hours	8617	7200	6180	4197
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

AHLSTROM-MUNKSJO NA SPECIALTY
 PO BOX 600
 KAUKAUNA, WI
 US 54130
 Contact: JOE SEITZ
 joe.seitz@ahlstrom-munksjo.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	102	105	104	94.1
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CONTAMINATION

Element	Unit	2	<1	2	1
Silicon	ppm	2	<1	2	1
Sodium	ppm	0	<1	1	3
Potassium	ppm	<1	0	<1	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 condition of the oil is acceptable for the time in service.



WEAR METALS

Element	Unit	9	7	7	22
Iron	ppm	9	7	7	22
Copper	ppm	<1	<1	<1	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	Unit	43	25	19	22
Calcium	ppm	43	25	19	22
Magnesium	ppm	1	3	3	0
Zinc	ppm	35	18	20	32
Phosphorus	ppm	2030	2033	1977	2425
Barium	ppm	0	0	2	0
Boron	ppm	321	328	285	344

Depot: AHLKAU
 Unique No: 10604513
 Signed: Sean Felton
 Report Date: 16 Aug 2023



GRAPHS

