

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 71616 - Splitter Box

Sample No: LH0278697

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0278697	LH0270316	LH0274522	LH0256668
Sample Date	22 Feb 2024	25 Sep 2023	20 Aug 2023	17 Apr 2023
Machine Hours	5129	2888	0	1042
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DOFASCO INC.

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 HAMILTON, ON
 CA L8N 3J5
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OIL CONDITION

Visc @ 40°C	cSt	86.1	91.7	97.8	152



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	3	3	3
Sodium	ppm	<1	2	1	3
Potassium	ppm	<1	<1	<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

Iron	ppm	13	18	43	68
Copper	ppm	<1	<1	<1	2
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	0	1	1
Nickel	ppm	0	<1	1	3
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	101	45	13	15
Magnesium	ppm	2	4	2	7
Zinc	ppm	126	41	29	46
Phosphorus	ppm	1155	1277	1434	2064
Barium	ppm	0	<1	2	13
Boron	ppm	257	293	284	61

Depot: DOFHAM
 Unique No: 5734847
 Signed: Wes Davis
 Report Date: 23 Feb 2024



GRAPHS

