

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 1414-56018 - Splitter Box

Sample No: LH06027238

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH06027238	LH05836130	LH05785854	VCP05725554
Sample Date	05 Dec 2023	01 May 2023	07 Mar 2023	26 Dec 2022
Machine Hours	0	13020	0	0
Oil Hours	15017	0	1208	10993
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

VERSO CORP - QUINNESEC MILL
W6791 US HWY 2
QUINNESEC, MI
US 49876
Contact: ERIC LARSON
eric.larson@versoco.com
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OIL CONDITION

Visc @ 40°C	cSt	171	181	180	178
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	1	1	<1
Sodium	ppm	31	3	<1	2
Potassium	ppm	6	0	1	0



WEAR METALS

Iron	ppm	19	18	12	20
Copper	ppm	5	3	2	2
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	9	<1	<1	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	0	1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4	64	31	12
Magnesium	ppm	<1	4	6	18
Zinc	ppm	0	342	202	80
Phosphorus	ppm	143	2155	2331	2192
Barium	ppm	0	0	0	0
Boron	ppm	0	15	3	10

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.

Depot: VERQUI
Unique No: 10777029
Signed: Angela Borella
Report Date: 08 Dec 2023



GRAPHS

