

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 048547-1464 - Splitter Box

Sample No: LH0281485

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0281485	LH0251461	LH0239246	LH
Sample Date	07 Dec 2023	16 Feb 2023	15 Sep 2022	18 Mar 2022
Machine Hours	9037	7024	5991	4762
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Summit Aggregates
 2686 Greenfield Blvd.
 Ayr, ON
 CA N0B 1E0
 Contact: Greg .
 greg@summitagg.com
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 F:



OIL CONDITION

Visc @ 40°C	cSt	92.6	88.2	87.9	93.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	3	2
Sodium	ppm	4	1	1	2
Potassium	ppm	3	<1	<1	2

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	10	12	11	29
Copper	ppm	<1	<1	<1	3
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	2	2	3
Nickel	ppm	2	2	3	5
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	16	28	52	15
Magnesium	ppm	1	4	2	3
Zinc	ppm	18	35	62	25
Phosphorus	ppm	1210	1364	1338	1391
Barium	ppm	<1	0	0	2
Boron	ppm	314	312	288	256

Depot: SUMAYR
 Unique No: 5695003
 Signed: Wes Davis
 Report Date: 09 Dec 2023



GRAPHS

