

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C103882-1527 - Splitter Box

Sample No: LH0261464

Oil Type: KENDALL NS-MP HYPOID GEAR 80W90



SAMPLE INFORMATION

Sample Number	LH0261464	LH0247341	LH0235009	LH0214173
Sample Date	29 Jun 2023	08 Mar 2023	25 Oct 2022	20 Jan 2022
Machine Hours	9040	8400	7787	6281
Oil Hours	640	500	500	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DOMINION NICKEL ALLOYS LTD.

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Contact: Trevor Taylor
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OIL CONDITION

Visc @ 40°C	cSt	133	124	105	131
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CONTAMINATION

Silicon	ppm	2	3	3	4
Sodium	ppm	1	2	2	<1
Potassium	ppm	1	2	4	2



WEAR METALS

Iron	ppm	6	5	10	25
Copper	ppm	<1	<1	<1	3
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	2	5	14	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	41	168	408	4
Magnesium	ppm	11	43	111	3
Zinc	ppm	12	110	274	15
Phosphorus	ppm	577	658	738	600
Barium	ppm	0	0	0	0
Boron	ppm	3	11	35	4

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: DOMBUR

Unique No: 5607482

Signed: Wes Davis

Report Date: 17 Jul 2023

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GRAPHS

