

LIEBHERR

CONSTRUCTION EQUIPMENT



030095 - Splitter Box

Sample No: LH0178220

Oil Type: KENDALL NS-MP HYPOID GEAR 80W90



SAMPLE INFORMATION

Sample Number	LH0178220	LH0235018	LH0195436	---
Sample Date	28 Sep 2023	27 Oct 2022	20 Apr 2021	---
Machine Hours	18600	17569	15200	---
Oil Hours	500	500	500	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

DOMINION NICKEL ALLOYS LTD.

834 APPLEBY LINE

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CA L7L 2Y7

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OIL CONDITION

Visc @ 40°C	cSt	118	127	133	---
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CONTAMINATION

Silicon	ppm	8	7	6	---
Sodium	ppm	2	3	3	---
Potassium	ppm	5	8	9	---



WEAR METALS

Iron	ppm	124	91	104	---
Copper	ppm	1	2	1	---
Lead	ppm	2	3	3	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	3	3	---
Chromium	ppm	2	2	2	---
Molybdenum	ppm	0	1	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	<1	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	25	35	18	---
Magnesium	ppm	6	11	6	---
Zinc	ppm	84	106	75	---
Phosphorus	ppm	523	591	594	---
Barium	ppm	<1	0	<1	---
Boron	ppm	4	4	8	---

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: 5681996

Signed: Wes Davis

Report Date: 16 Nov 2023



GRAPHS

