



CONSTRUCTION EQUIPMENT

728849 NORTH STAR SENNEBOGEN 850 3139 - LEFT SWING DRIVE



Sample No: VCP454897
Oil Type: MOBIL MOBILGEAR 600 XP 220
Job No: 728849 NORTH STAR



SAMPLE INFORMATION

Sample Number	VCP454897	VCP416279	VCP396141	---
Sample Date	13 Jun 2024	26 Jul 2023	15 Nov 2022	---
Machine Hours	4105	1921	509	---
Oil Hours	2000	1921	509	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
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OIL CONDITION

Visc @ 40°C	cSt	202	192	194	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	2	4	---
Sodium	ppm	1	0	2	---
Potassium	ppm	<1	1	0	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	565	340	266	---
Copper	ppm	154	108	50	---
Lead	ppm	<1	<1	0	---
Tin	ppm	15	11	5	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	2	2	2	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	4	3	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	13	23	4	---
Magnesium	ppm	<1	0	<1	---
Zinc	ppm	41	32	12	---
Phosphorus	ppm	383	264	396	---
Barium	ppm	0	0	0	---
Boron	ppm	22	10	15	---

Depot: VOLVO2990
Unique No: 11088937
Signed: Don Baldrige
Report Date: 23 Jun 2024



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GRAPHS

