



CONSTRUCTION EQUIPMENT

595813 DIPRO SENNEBOGAN 835 830.0.2853 - REAR LEFT FINAL DRIVE



Sample No: VCP413265
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 595813 DIPRO



SAMPLE INFORMATION

Sample Number	VCP413265	VCP426794	VCP386902	---
Sample Date	05 Sep 2023	29 Mar 2023	30 Aug 2022	---
Machine Hours	4123	3387	1894	---
Oil Hours	1000	1000	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	SEVERE	NORMAL	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
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OIL CONDITION

Visc @ 40°C	cSt	139	145	153	---
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CONTAMINATION

Water	%	---	1.01	---	---
Silicon	ppm	2	4	2	---
Sodium	ppm	2	0	1	---
Potassium	ppm	3	<1	0	---

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	55	35	21	---
Copper	ppm	7	2	15	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	6	12	2	---
Magnesium	ppm	2	1	0	---
Zinc	ppm	2	0	10	---
Phosphorus	ppm	621	2009	1694	---
Barium	ppm	<1	0	41	---
Boron	ppm	15	122	129	---

Depot: VOLVO2990
Unique No: 10645581
Signed: Don Baldrige
Report Date: 15 Sep 2023



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GRAPHS

