



CONSTRUCTION EQUIPMENT

595813 DIPRO SENNEBOGAN 835 830.0.2853 - FRONT RIGHT FINAL DRIVE



Sample No: VCP413264
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 595813 DIPRO



SAMPLE INFORMATION

Sample Number	VCP413264	VCP426793	VCP380835	VCP384985
Sample Date	05 Sep 2023	29 Mar 2023	04 Jan 2023	08 Nov 2022
Machine Hours	4123	3387	2827	6057
Oil Hours	1000	1000	1000	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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

Visc @ 40°C	cSt	141	145	152	114
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CONTAMINATION

Silicon	ppm	2	4	28	2
Sodium	ppm	2	<1	4	3
Potassium	ppm	1	1	<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	48	53	64	17
Copper	ppm	44	45	7	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	2	0
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	<1	0	3	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	7	<1	3	126
Magnesium	ppm	1	0	1	2
Zinc	ppm	55	26	5	37
Phosphorus	ppm	1012	2316	1752	1245
Barium	ppm	2	0	0	0
Boron	ppm	51	182	114	48

Depot: VOLVO2990
Unique No: 10645537
Signed: Don Baldrige
Report Date: 15 Sep 2023



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VOLVO GRAPHS

