



CONSTRUCTION EQUIPMENT

686747 DIPRO SENNEBOGAN 835 830.0.2853 - FRONT LEFT FINAL DRIVE



Sample No: VCP453926
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 686747 DIPRO



SAMPLE INFORMATION

Sample Number	VCP453926	VCP413262	VCP426792	VCP386899
Sample Date	13 Mar 2024	05 Sep 2023	29 Mar 2023	30 Aug 2022
Machine Hours	5050	4123	3387	1894
Oil Hours	1000	1000	1000	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
 Contact: PAUL CONZ
 paul.conz@altg.com
 T: (313)348-8861
 F: (248)356-2029

OIL CONDITION

Visc @ 40°C	cSt	140	141	144	162
		█	█	█	█

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	█4	█3	█4	█2
Sodium	ppm	█3	█3	█<1	█13
Potassium	ppm	█<1	█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	█87	█59	█75	█227
Copper	ppm	█4	█8	█4	█45
Lead	ppm	█<1	█<1	█0	█0
Tin	ppm	█1	█<1	█0	█0
Aluminum	ppm	█2	█0	█<1	█2
Chromium	ppm	█<1	█<1	█0	█<1
Molybdenum	ppm	█<1	█<1	█0	█<1
Nickel	ppm	█<1	█0	█0	█0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	█2	█2	█2	█7
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	█13	█5	█1	█14
Magnesium	ppm	█2	█2	█0	█0
Zinc	ppm	█9	█7	█0	█43
Phosphorus	ppm	█721	█1036	█2352	█1537
Barium	ppm	█<1	█0	█0	█101
Boron	ppm	█15	█49	█186	█67

Depot: VOLVO2990
Unique No: 10938198
Signed: Don Baldrige
Report Date: 22 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS

