



CONSTRUCTION EQUIPMENT

595813 DIPRO SENNEBOGAN 835 830.0.2853 - DROP BOX



Sample No: VCP412468
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 595813 DIPRO



SAMPLE INFORMATION

Sample Number	VCP412468	VCP426791	VCP380753	VCP384990
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	ABNORMAL	SEVERE	ABNORMAL	ABNORMAL

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	126	124	109	44.4
-------------	-----	------------	-----	-----	-------------



CONTAMINATION

Water	%	0.345	1.19	---	---
Silicon	ppm	2	4	4	4
Sodium	ppm	4	6	11	39
Potassium	ppm	2	<1	2	0



WEAR METALS

Iron	ppm	19	29	22	52
Copper	ppm	108	66	95	70
Lead	ppm	<1	<1	0	2
Tin	ppm	1	<1	<1	2
Aluminum	ppm	0	2	<1	3
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	0	0	8
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	9	0	0	0
Manganese	ppm	14	16	13	16
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	181	470	889	2966
Magnesium	ppm	4	3	3	118
Zinc	ppm	37	204	358	1200
Phosphorus	ppm	1194	1712	1489	1067
Barium	ppm	0	0	0	0
Boron	ppm	21	150	72	12

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The copper level is abnormal. All other component wear rates are normal. There is a high amount of visible silt present in the sample. Moderate concentration of visible dirt/debris present in the oil. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO2990
Unique No: 10645542
Signed: Don Baldrige
Report Date: 15 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

