



CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 742081 - DROP BOX



Sample No: VCP451182
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP451182	VCP425882	VCP388335	VCP360650
Sample Date	26 Apr 2024	14 Jul 2023	24 Oct 2022	21 Apr 2022
Machine Hours	8996	7964	7007	6063
Oil Hours	0	4000	500	2000
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	302	239	272	231
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	4	3	3
Sodium	ppm	<1	3	0	2
Potassium	ppm	0	0	0	<1

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	58	30	64	19
Copper	ppm	9	5	11	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	4	<1	4
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	7	6	2	5
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	233	103	175	58
Magnesium	ppm	32	18	23	19
Zinc	ppm	125	67	93	53
Phosphorus	ppm	1013	1011	953	1046
Barium	ppm	0	0	0	0
Boron	ppm	200	196	154	160

Depot: VOLVO0093
Unique No: 11030518
Signed: Wes Davis
Report Date: 15 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

