



CONSTRUCTION EQUIPMENT

TUCKER PAVING - REAR AXLE



Sample No: VCP386228
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP386228	VCP386140	VCP248575	VCP300225
Sample Date	12 Oct 2022	12 Oct 2022	23 Feb 2022	25 Feb 2021
Machine Hours	6141	6141	5157	4087
Oil Hours	1500	2000	1000	2000
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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OIL CONDITION

Visc @ 40°C	cSt	231	195	196	58.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	3	3	3
Sodium	ppm	0	1	0	4
Potassium	ppm	0	0	0	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	56	186	111	355
Copper	ppm	0	14	11	52
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	3
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	2	3	2	7
Molybdenum	ppm	3	6	4	11
Nickel	ppm	0	2	0	4
Titanium	ppm	0	0	0	<1
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	5	4	18
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	89	55	48	49
Magnesium	ppm	23	16	16	8
Zinc	ppm	145	46	35	21
Phosphorus	ppm	911	1074	1112	1443
Barium	ppm	0	0	0	0
Boron	ppm	102	164	174	201

Depot: VOLVO0093
Unique No: 10255068
Signed: Wes Davis
Report Date: 13 Dec 2022



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GRAPHS

