



CONSTRUCTION EQUIPMENT

TRIPLE M 400465 VOLVO EC380EL VCE380EJ003 10375 - SWING DRIVE



Sample No: VCP448158
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 400465



SAMPLE INFORMATION

Sample Number	VCP448158	VCP429984	VCP332505	VCP053787
Sample Date	18 Apr 2024	11 Oct 2023	08 Apr 2022	11 Jun 2021
Machine Hours	13269	12519	10494	8744
Oil Hours	1000	12519	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	137	120	56.4	140
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CONTAMINATION

Water	%	0.446	NEG	NEG	NEG
Silicon	ppm	2	7	8	3
Sodium	ppm	<1	2	1	<1
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	47	158	297	21
Copper	ppm	2	8	12	1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	5	3	<1
Chromium	ppm	<1	2	3	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	<1
Manganese	ppm	1	2	3	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	24	32	21	28
Magnesium	ppm	4	7	4	1
Zinc	ppm	12	11	23	8
Phosphorus	ppm	1011	1166	2352	1003
Barium	ppm	0	<1	0	0
Boron	ppm	184	196	143	165

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0252
Unique No: 5763467
Signed: Kevin Marson
Report Date: 24 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

