



CONSTRUCTION EQUIPMENT

TRIPLE M 379003 VOLVO EC380EL VCE380EJ003 10375 - SWING DRIVE



Sample No: VCP429984
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 379003



SAMPLE INFORMATION

Sample Number	VCP429984	VCP332505	VCP053787	VCP273603
Sample Date	11 Oct 2023	08 Apr 2022	11 Jun 2021	15 Oct 2020
Machine Hours	12519	10494	8744	7585
Oil Hours	12519	0	0	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	ABNORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	120	56.4	140	138
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CONTAMINATION

Silicon	ppm	7	8	3	6
Sodium	ppm	2	1	<1	<1
Potassium	ppm	0	<1	<1	<1



WEAR METALS

Iron	ppm	158	297	21	104
Copper	ppm	8	12	1	5
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	5	3	<1	2
Chromium	ppm	2	3	<1	1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	<1
Manganese	ppm	2	3	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	32	21	28	20
Magnesium	ppm	7	4	1	3
Zinc	ppm	11	23	8	29
Phosphorus	ppm	1166	2352	1003	1000
Barium	ppm	<1	0	0	<1
Boron	ppm	196	143	165	97

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. NOTE: Test values may be askew due high concentration of free water present in sample. All component wear rates are normal. There is a high concentration of water present in the oil. Free water present. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0252
Unique No: 5658827
Signed: Kevin Marson
Report Date: 18 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

