



CONSTRUCTION EQUIPMENT

SWA584249-10 VOLVO EC300E 314225 - REAR LEFT FINAL DRIVE



Sample No: VCP429955
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: SWA584249-10



SAMPLE INFORMATION

Sample Number	VCP429955	VCP431676	VCP424078	VCP397111
Sample Date	14 Jun 2024	18 Mar 2024	07 Sep 2023	19 Jun 2023
Machine Hours	6470	5921	4869	4288
Oil Hours	500	1000	0	0
Oil Changed	N/A	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DENALI WE CARE

400 TORNE RD
 HILLBURN, NY
 US 10931
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	282	288	291	291
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T:
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	35	28	14	11
Sodium	ppm	3	<1	2	<1
Potassium	ppm	16	12	6	4

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	457	425	230	193
Copper	ppm	2	2	<1	0
Lead	ppm	<1	1	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	6	4	3	1
Chromium	ppm	16	15	7	5
Molybdenum	ppm	3	3	<1	<1
Nickel	ppm	2	1	0	0
Titanium	ppm	1	1	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	7	6	4	3
Vanadium	ppm	<1	<1	<1	0



ADDITIVES

Calcium	ppm	20	38	70	65
Magnesium	ppm	3	2	0	0
Zinc	ppm	23	23	0	14
Phosphorus	ppm	1080	982	690	865
Barium	ppm	6	5	0	0
Boron	ppm	86	111	72	97

Depot: DENHIL
Unique No: 11096788
Signed: Sean Felton
Report Date: 26 Jun 2024



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VOLVO GRAPHS

