



CONSTRUCTION EQUIPMENT

134249 VOLVO A40G 352811 - DROP BOX



Sample No: VCP433912
Oil Type: GEAR OIL SAE 80W90
Job No: 134249



SAMPLE INFORMATION

Sample Number	VCP433912	VCP416977	VCP408764	VCP410509
Sample Date	06 Sep 2023	10 Jul 2023	15 May 2023	24 Mar 2023
Machine Hours	5919	5448	4955	4491
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
 Contact: WALLACE WARREN
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	129	129	130	130
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CONTAMINATION

Water	%	0.102	---	---	---
Silicon	ppm	2	1	2	1
Sodium	ppm	0	<1	<1	0
Potassium	ppm	<1	0	3	0

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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	105	104	132	103
Copper	ppm	2	2	3	2
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	2	2	2	1
Molybdenum	ppm	7	7	4	3
Nickel	ppm	<1	<1	1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	2	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	72	74	80	54
Magnesium	ppm	8	7	11	5
Zinc	ppm	38	35	42	31
Phosphorus	ppm	976	988	976	968
Barium	ppm	0	0	0	0
Boron	ppm	193	221	170	188

Depot: LATSCU
Unique No: 10662691
Signed: Wes Davis
Report Date: 27 Sep 2023



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GRAPHS

