



CONSTRUCTION EQUIPMENT

SWO-071204 VOLVO A40G 340716 - DROP BOX



Sample No: VCP454872
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-071204



SAMPLE INFORMATION

Sample Number	VCP454872	VCP432343	VCP405262	VCP396174
Sample Date	18 Apr 2024	05 Dec 2023	30 Aug 2023	26 Apr 2023
Machine Hours	9946	9440	8929	8381
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	278	280	281	281
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	5
Sodium	ppm	0	0	<1	0
Potassium	ppm	0	<1	0	1

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	18	13	11	12
Copper	ppm	1	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	4	4	4	5
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	0	<1	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	151	146	127	129
Magnesium	ppm	32	38	38	34
Zinc	ppm	83	86	84	90
Phosphorus	ppm	834	1027	989	978
Barium	ppm	0	0	0	0
Boron	ppm	123	140	150	157

Depot: SAIBIR
Unique No: 10991819
Signed: Don Baldrige
Report Date: 24 Apr 2024



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VOLVO GRAPHS

