



CONSTRUCTION EQUIPMENT

SPM659044-10 VOLVO A40G 341625 - DROP BOX



Sample No: VCP442651
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SPM659044-10



SAMPLE INFORMATION

Sample Number	VCP442651	VCP299516	VCP240420	---
Sample Date	11 Jan 2024	04 Jan 2021	07 May 2019	---
Machine Hours	8515	4161	2457	---
Oil Hours	0	0	2457	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
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OIL CONDITION

Visc @ 40°C	cSt	266	239	59.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	39	15	34	---
Sodium	ppm	1	3	9	---
Potassium	ppm	1	8	0	---

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	150	59	48	---
Copper	ppm	3	<1	2	---
Lead	ppm	0	4	4	---
Tin	ppm	0	0	0	---
Aluminum	ppm	4	27	11	---
Chromium	ppm	3	1	1	---
Molybdenum	ppm	22	4	3	---
Nickel	ppm	1	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	198	62	42	---
Magnesium	ppm	48	12	2	---
Zinc	ppm	125	80	133	---
Phosphorus	ppm	1118	1053	1985	---
Barium	ppm	0	0	<1	---
Boron	ppm	169	151	150	---

Depot: VOLVO0090
Unique No: 10835297
Signed: Wes Davis
Report Date: 18 Jan 2024



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GRAPHS

