



CONSTRUCTION EQUIPMENT

VOLVO A40G 352356 - DROP BOX



Sample No: VCP447600
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP447600	VCP329173	VCP293528	---
Sample Date	17 Jan 2024	30 Sep 2021	02 Dec 2020	---
Machine Hours	5047	2378	983	---
Oil Hours	0	0	983	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	ATTENTION	---

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

Visc @ 40°C	cSt	221	49.7	47.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	37	36	29	---
Sodium	ppm	4	8	7	---
Potassium	ppm	2	<1	<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	288	208	85	---
Copper	ppm	16	17	9	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	13	3	0	---
Chromium	ppm	4	2	1	---
Molybdenum	ppm	47	9	6	---
Nickel	ppm	<1	1	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	6	5	4	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	167	44	81	---
Magnesium	ppm	24	4	3	---
Zinc	ppm	193	141	99	---
Phosphorus	ppm	1190	2092	2390	---
Barium	ppm	0	<1	0	---
Boron	ppm	137	101	114	---

Depot: VOLVO0090
Unique No: 10843777
Signed: Sean Felton
Report Date: 24 Jan 2024



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GRAPHS

