



CONSTRUCTION EQUIPMENT

CBM 369835 VOLVO A40G 353281 - DROP BOX



Sample No: VCP380240
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 369835



SAMPLE INFORMATION

Sample Number	VCP380240	---	---	---
Sample Date	23 Jun 2023	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment
 5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
 Contact: Nick Sanders
 nsanders@strongco.com
 T: (519)744-3518
 F: (519)744-3284

OIL CONDITION

Visc @ 40°C	cSt	48.2	---	---	---
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CONTAMINATION

Silicon	ppm	53	---	---	---
Sodium	ppm	9	---	---	---
Potassium	ppm	3	---	---	---

WEAR METALS

Iron	ppm	183	---	---	---
Copper	ppm	10	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	10	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	58	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	76	---	---	---
Phosphorus	ppm	2381	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	146	---	---	---

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. Viscosity of sample indicates oil is within SAE 75W80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: CASKIT
Unique No: 5604131
Signed: Kevin Marson
Report Date: 29 Jun 2023



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GRAPHS

