



CONSTRUCTION EQUIPMENT

TRIPLE M METAL 396718 VOLVO A40G 353438 - DROP BOX



Sample No: VCP393046
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 396718



SAMPLE INFORMATION

Sample Number	VCP393046	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	4722	---	---	---
Oil Hours	4000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.
Burlington, ON
CA L7L 4Y1
Contact: Michael Hribar
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OIL CONDITION

Visc @ 40°C	cSt	▲ 45.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 27	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 4	---	---	---



WEAR METALS

Iron	ppm	■ 88	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 8	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1235	---	---	---
Magnesium	ppm	■ 9	---	---	---
Zinc	ppm	504	---	---	---
Phosphorus	ppm	2072	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 163	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0252
Unique No: 5746707
Signed: Kevin Marson
Report Date: 13 Mar 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

