



# CONSTRUCTION EQUIPMENT

X18357 APAC KRYSTAL VOLVO A40G 353035 - DROP BOX



**Sample No:** VCP419847  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** X18357 APAC KRYSTAL



## SAMPLE INFORMATION

Sample Number	VCP419847	---	---	---
Sample Date	29 Feb 2024	---	---	---
Machine Hours	4413	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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US 39212  
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## OIL CONDITION

Visc @ 40°C	cSt	● 42.52	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 43	---	---	---
Sodium	ppm	■ 10	---	---	---
Potassium	ppm	■ 5	---	---	---



## WEAR METALS

Iron	ppm	▲ 1270	---	---	---
Copper	ppm	■ 13	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 13	---	---	---
Molybdenum	ppm	■ 18	---	---	---
Nickel	ppm	■ 9	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 15	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	■ 46	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 93	---	---	---
Phosphorus	ppm	■ 2058	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 109	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

**Depot:** VOLVO8771  
**Unique No:** 10909942  
**Signed:** Jonathan Hester  
**Report Date:** 07 Mar 2024



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## VOLVO GRAPHS

