



CONSTRUCTION EQUIPMENT

VOLVO A45G 342256 - BOGIE/CENTER AXLE



Sample No: VCP260318
Oil Type: CASE CASE IH HY-TRAN ULTRA
Job No:



SAMPLE INFORMATION

Sample Number	VCP260318	---	---	---
Sample Date	01 Apr 2020	---	---	---
Machine Hours	4000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment
 5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
 Contact: Matt Crisci
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OIL CONDITION

Visc @ 40°C	cSt	132	---	---	---
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CONTAMINATION

Silicon	ppm	3	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	<1	---	---	---

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. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	211	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	29	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	6	---	---	---
Phosphorus	ppm	1139	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	194	---	---	---

Depot: CASKIT
Unique No: 5032242
Signed: Wes Davis
Report Date: 14 Apr 2020



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GRAPHS

