



CONSTRUCTION EQUIPMENT

VOLVO A40F 12332 - REAR AXLE



Sample No: VCP260922
Oil Type: ESSO GEAR OIL GX 75W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP260922	---	---	---
Sample Date	22 Nov 2019	---	---	---
Machine Hours	5908	---	---	---
Oil Hours	1771	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	72.0	---	---	---
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CONTAMINATION

Silicon	ppm	9	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---

WEAR METALS

Iron	ppm	73	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	15	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	19	---	---	---
Phosphorus	ppm	632	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	47	---	---	---

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 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3908
Unique No: 4967443
Signed: Wes Davis
Report Date: 02 Dec 2019



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VOLVO GRAPHS

