



CONSTRUCTION EQUIPMENT

7219HS VOLVO A45G 752008 - FRONT AXLE



Sample No: VCP449173
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 7219HS



SAMPLE INFORMATION

Sample Number	VCP449173	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	820	---	---	---
Oil Hours	820	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

HIGHWAY EQUIPMENT & SUPPLY CO MAIN
 PO BOX 1957
 HARRISBURG, PA
 US 17105
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OIL CONDITION

Visc @ 40°C	cSt	█ 101	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 6	---	---	---

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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 221	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 194	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 91	---	---	---
Phosphorus	ppm	█ 1654	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 316	---	---	---

Depot: VOLVO0025
Unique No: 11097135
Signed: Jonathan Hester
Report Date: 26 Jun 2024



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GRAPHS

