



CONSTRUCTION EQUIPMENT

X39607 3148 - REAR AXLE



Sample No: VCP429791
Oil Type: TDH FLUID SAE 75W80
Job No: X39607



SAMPLE INFORMATION

Sample Number	VCP429791	---	---	---
Sample Date	03 Jul 2024	---	---	---
Machine Hours	7028	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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 US 70816
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OIL CONDITION

Visc @ 40°C	cSt	█ 50.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

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	█ 20	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3385	---	---	---
Magnesium	ppm	█ 57	---	---	---
Zinc	ppm	█ 1303	---	---	---
Phosphorus	ppm	█ 1107	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 105	---	---	---

Depot: VOLVO6242
Unique No: 11117048
Signed: Don Baldrige
Report Date: 13 Jul 2024



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GRAPHS

