



CONSTRUCTION EQUIPMENT

SPM688079 US STEEL VOLVO A25G 752203 - FRONT AXLE



Sample No: VCP427317
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688079 US STEEL



SAMPLE INFORMATION

Sample Number	VCP427317	VCP417506	VCP346295	---
Sample Date	19 Mar 2024	01 Aug 2023	29 Mar 2022	---
Machine Hours	9546	4671	3706	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
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 F:



OIL CONDITION

Visc @ 40°C	cSt	128	114	79.2	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	21	5	---
Sodium	ppm	<1	2	<1	---
Potassium	ppm	<1	7	<1	---

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	193	302	337	---
Copper	ppm	6	35	57	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	2	3	---
Aluminum	ppm	0	3	3	---
Chromium	ppm	3	6	5	---
Molybdenum	ppm	<1	4	5	---
Nickel	ppm	<1	4	3	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	8	---
Manganese	ppm	3	8	13	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	3	178	841	---
Magnesium	ppm	0	8	10	---
Zinc	ppm	0	70	337	---
Phosphorus	ppm	697	1603	1408	---
Barium	ppm	0	0	1	---
Boron	ppm	60	261	183	---

Depot: VOLVO8885
Unique No: 10990298
Signed: Sean Felton
Report Date: 24 Apr 2024



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GRAPHS

