



CONSTRUCTION EQUIPMENT

G08789 SHUTTLEWAGON WVX8040 804021041 - FRONT AXLE



Sample No: VCP451136
Oil Type: GEAR OIL SAE 140
Job No: G08789



SAMPLE INFORMATION

Sample Number	VCP451136	VCP451129	---	---
Sample Date	14 May 2024	14 May 2024	---	---
Machine Hours	4555	4555	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

HOFFMAN EQUIPMENT - DEPTFORD
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OIL CONDITION

Visc @ 40°C	cSt	385	382	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	60	58	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	4	4	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 140. Please confirm. 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	205	199	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	3	2	---	---
Molybdenum	ppm	1	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	6	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	2	1	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	16	14	---	---
Phosphorus	ppm	611	583	---	---
Barium	ppm	0	0	---	---
Boron	ppm	7	6	---	---

Depot: VOLVO8880
Unique No: 11036067
Signed: Wes Davis
Report Date: 21 May 2024



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GRAPHS

