



CONSTRUCTION EQUIPMENT

436205 STONE PLUS VOLVO L35G 034203 12 - FRONT AXLE



Sample No: VCP429433
Oil Type: GEAR OIL SAE 80W140
Job No: 436205 STONE PLUS



SAMPLE INFORMATION

Sample Number	VCP429433	VCP287505	---	---
Sample Date	05 Jan 2024	10 Jun 2021	---	---
Machine Hours	5015	3184	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	SEVERE	ABNORMAL	---	---

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 US 32256
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OIL CONDITION

Visc @ 40°C	cSt	330	230	---	---
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CONTAMINATION

Water	%	2.12	NEG	---	---
Silicon	ppm	6	3	---	---
Sodium	ppm	35	0	---	---
Potassium	ppm	<1	1	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is unacceptable. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



WEAR METALS

Iron	ppm	157	175	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	0	1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	20	30	---	---
Magnesium	ppm	4	10	---	---
Zinc	ppm	3	20	---	---
Phosphorus	ppm	1017	651	---	---
Barium	ppm	0	0	---	---
Boron	ppm	167	18	---	---

Depot: VOLVO0092
Unique No: 10822933
Signed: Sean Felton
Report Date: 11 Jan 2024



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GRAPHS

