



CONSTRUCTION EQUIPMENT

332144 VOLVO SD115B 236555 - REAR LEFT FINAL DRIVE



Sample No: VCP332006
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 332144



SAMPLE INFORMATION

Sample Number	VCP332006	VCP301391	VCP264115	---
Sample Date	30 Nov 2021	18 Jan 2021	09 Mar 2020	---
Machine Hours	4650	3328	2324	---
Oil Hours	100	1000	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ATTENTION	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	258	239	▲ 135	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	5	9	---
Sodium	ppm	2	2	5	---
Potassium	ppm	0	7	1	---



WEAR METALS

Iron	ppm	60	88	241	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	2	1	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	2	0	0	---
Manganese	ppm	2	2	8	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	34	56	61	---
Magnesium	ppm	9	5	9	---
Zinc	ppm	44	39	53	---
Phosphorus	ppm	843	953	1166	---
Barium	ppm	0	1	4	---
Boron	ppm	96	81	101	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: RIPTAM
Unique No: 9802564
Signed: Don Baldrige
Report Date: 07 Jan 2022



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GRAPHS

