



CONSTRUCTION EQUIPMENT

63309 VOLVO SD115B 236555 - REAR LEFT FINAL DRIVE



Sample No: VCP301391
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 63309



SAMPLE INFORMATION

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

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com



OIL CONDITION

Visc @ 40°C	cSt	239	▲ 135	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	9	---	---
Sodium	ppm	2	5	---	---
Potassium	ppm	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

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



ADDITIVES

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

Depot: RIPTAM
Unique No: 9347337
Signed: Don Baldrige
Report Date: 02 Feb 2021



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GRAPHS

