



CONSTRUCTION EQUIPMENT

332144 VOLVO SD115B 236555 - REAR AXLE



Sample No: VCP343531
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 332144



SAMPLE INFORMATION

Sample Number	VCP343531	VCP301513	VCP270577	---
Sample Date	30 Nov 2021	18 Jan 2021	09 Mar 2020	---
Machine Hours	4650	3328	2324	---
Oil Hours	1000	1000	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
 rturner@ripatampa.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	252	237	143	---
-------------	-----	------------	-----	-----	-----

CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	5	9	---
Sodium	ppm	2	2	6	---
Potassium	ppm	0	1	<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	52	59	146	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	6	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	3	<1	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	2	5	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	48	50	60	---
Magnesium	ppm	9	6	8	---
Zinc	ppm	49	41	43	---
Phosphorus	ppm	861	948	1211	---
Barium	ppm	0	0	2	---
Boron	ppm	97	75	64	---

Depot: RIPTAM
Unique No: 9802569
Signed: Wes Davis
Report Date: 07 Jan 2022



CONSTRUCTION EQUIPMENT



GRAPHS

