



CONSTRUCTION EQUIPMENT

662069 VOLVO A35F 10350 - FRONT AXLE



Sample No: VCP449057
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 662069



SAMPLE INFORMATION

Sample Number	VCP449057	VCP311965	VCP148438	VCP178885
Sample Date	01 Feb 2024	18 Jun 2021	05 Sep 2019	24 Jan 2016
Machine Hours	12432	11179	10039	4079
Oil Hours	4000	1000	2000	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: PM Services
 PMServices@ripaconstruction.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	292	303	277	199.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	6	2	13
Sodium	ppm	<1	0	<1	3
Potassium	ppm	<1	0	<1	0

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	48	29	24	60
Copper	ppm	<1	5	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	0	1	3
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	3	2	4	2
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	<1

ADDITIVES

Calcium	ppm	107	96	74	232
Magnesium	ppm	10	7	8	10
Zinc	ppm	62	29	42	161
Phosphorus	ppm	992	914	814	851
Barium	ppm	0	0	0	<1
Boron	ppm	183	193	175	125

Depot: RIPTAM
Unique No: 10901558
Signed: Wes Davis
Report Date: 29 Feb 2024



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VOLVO GRAPHS

