



CONSTRUCTION EQUIPMENT

VOLVO A35F 10351 - REAR AXLE



Sample No: VCP449080
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP449080	VCP386223	VCP269941	VCP162166
Sample Date	02 Feb 2024	30 Nov 2022	10 Mar 2020	30 Dec 2015
Machine Hours	13818	13003	10928	4179
Oil Hours	0	500	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	304	302	292	268.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	3	10	7
Sodium	ppm	0	0	1	3
Potassium	ppm	0	0	4	8

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	70	4	78	50
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	0	3	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	3	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	90	102	86	230
Magnesium	ppm	6	7	6	10
Zinc	ppm	48	48	39	113
Phosphorus	ppm	999	903	890	937
Barium	ppm	<1	0	0	0
Boron	ppm	179	182	157	135

Depot: RIPTAM
Unique No: 10871396
Signed: Wes Davis
Report Date: 09 Feb 2024



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VOLVO GRAPHS

