



CONSTRUCTION EQUIPMENT

607016 VOLVO A40F 342498 - DROP BOX



Sample No: VCP414755
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 607016



SAMPLE INFORMATION

Sample Number	VCP414755	VCP402343	VCP375941	VCP332171
Sample Date	18 Sep 2023	27 Feb 2023	15 Jun 2022	05 Jan 2022
Machine Hours	8432	7463	6561	5591
Oil Hours	4000	3000	2000	1500
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
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	184	282	179	178
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CONTAMINATION

Silicon	ppm	15	8	12	13
Sodium	ppm	1	0	4	4
Potassium	ppm	2	0	0	2

WEAR METALS

Iron	ppm	155	60	69	86
Copper	ppm	8	0	5	6
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	11	<1	12	17
Chromium	ppm	2	<1	<1	1
Molybdenum	ppm	11	5	6	7
Nickel	ppm	1	0	0	1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	1	2
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	195	95	155	195
Magnesium	ppm	70	55	55	73
Zinc	ppm	159	59	116	143
Phosphorus	ppm	1271	906	987	1297
Barium	ppm	9	0	0	0
Boron	ppm	96	158	138	180

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.

Depot: RIPTAM
Unique No: 10709597
Signed: Wes Davis
Report Date: 24 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

