



CONSTRUCTION EQUIPMENT

688604 VOLVO A30G 752326 - FRONT AXLE



Sample No: VCP445512
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 688604



SAMPLE INFORMATION

Sample Number	VCP445512	VCP393780	VCP354016	VCP330244
Sample Date	04 Apr 2024	08 Mar 2023	12 Aug 2022	18 Mar 2022
Machine Hours	5120	3043	2015	1147
Oil Hours	1000	1500	500	500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
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	307	206	203	211
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	6	5	4
Sodium	ppm	0	<1	<1	<1
Potassium	ppm	0	<1	2	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	51	166	158	123
Copper	ppm	3	13	11	7
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	<1	3	3	2
Molybdenum	ppm	<1	3	3	3
Nickel	ppm	0	1	2	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	5	5	5
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	188	249	283	268
Magnesium	ppm	16	3	4	5
Zinc	ppm	93	134	155	143
Phosphorus	ppm	1025	1009	1116	1052
Barium	ppm	0	0	0	0
Boron	ppm	197	145	155	211

Depot: RIPTAM
Unique No: 11031767
Signed: Wes Davis
Report Date: 16 May 2024



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VOLVO GRAPHS

