



CONSTRUCTION EQUIPMENT

A10935 VOLVO A40G 342450 - FRONT AXLE



Sample No: VCP412034
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10935



SAMPLE INFORMATION

Sample Number	VCP412034	VCP290213	VCP282151	---
Sample Date	24 Aug 2023	08 Jan 2021	13 Jul 2020	---
Machine Hours	5915	3925	3834	---
Oil Hours	1000	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

K C CONSTRUCTION
 1737 STOUT DRIVE
 IVYLAND, PA
 US 18974
 Contact: DUKE D.
 duked@kcconstruct.com
 T: (267)784-7337
 F: x:



OIL CONDITION

Visc @ 40°C	cSt	141	112	51.9	---
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CONTAMINATION

Silicon	ppm	19	1	3	---
Sodium	ppm	1	<1	5	---
Potassium	ppm	2	5	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	164	29	527	---
Copper	ppm	1	1	4	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	2	<1	7	---
Molybdenum	ppm	2	8	4	---
Nickel	ppm	<1	0	2	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	4	1	13	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	44	182	116	---
Magnesium	ppm	0	20	0	---
Zinc	ppm	6	124	60	---
Phosphorus	ppm	1017	972	2135	---
Barium	ppm	0	0	0	---
Boron	ppm	223	185	197	---

Depot: KCCIVY
Unique No: 10648989
Signed: Sean Felton
Report Date: 19 Sep 2023



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GRAPHS

