



CONSTRUCTION EQUIPMENT

VOLVO A40F 12386 - FRONT AXLE



Sample No: VCP447700
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP447700	VCP402905	VCP406634	VCP373722
Sample Date	18 Jun 2024	19 Jul 2023	22 Mar 2023	22 Aug 2022
Machine Hours	13301	11382	10781	9653
Oil Hours	965	601	1128	1082
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
 T: (641)743-8237
 F: (641)743-2486



OIL CONDITION

Visc @ 40°C	cSt	129	130	128	136
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	2	1	3
Sodium	ppm	<1	<1	<1	0
Potassium	ppm	0	<1	0	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	25	5	12	14
Copper	ppm	0	<1	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	1
Aluminum	ppm	1	0	<1	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	2
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	369	322	426	318
Magnesium	ppm	5	7	9	6
Zinc	ppm	136	123	168	119
Phosphorus	ppm	990	866	935	909
Barium	ppm	0	0	0	0
Boron	ppm	135	155	158	188

Depot: SCHGRE
Unique No: 11111393
Signed: Wes Davis
Report Date: 05 Jul 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

