



CONSTRUCTION EQUIPMENT

VOLVO A25G 752316 - REAR AXLE



Sample No: VCP430396
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP430396	VCE118814	VC410445	VC545059
Sample Date	05 Apr 2024	21 Oct 2022	15 Apr 2022	17 Mar 2022
Machine Hours	5264	2918	1024	609
Oil Hours	0	2918	500	609
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

SCOTT EQUIPMENT COMPANY LLC - Lavergne
 1231 BRIDGESTONE PARKWAY
 LAVERGNE, TN
 US 37086
 Contact: CLAY COULTER
 CCOULTER@SCOTTCOMPANIES.COM
 T: (615)793-3888
 F: (615)793-9655



OIL CONDITION

Visc @ 40°C	cSt	130	140	128	91.4
-------------	-----	------------	-----	-----	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	▲ 59	25	3	4
Sodium	ppm	2	0	0	0
Potassium	ppm	6	0	0	5

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	194	121	181	256
Copper	ppm	13	15	13	34
Lead	ppm	<1	0	0	0
Tin	ppm	1	0	<1	1
Aluminum	ppm	● 15	7	0	0
Chromium	ppm	3	1	2	4
Molybdenum	ppm	1	<1	3	11
Nickel	ppm	2	0	2	0
Titanium	ppm	1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	3	11
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	147	47	83	750
Magnesium	ppm	5	1	0	2
Zinc	ppm	76	25	0	331
Phosphorus	ppm	1050	567	678	1427
Barium	ppm	<1	<1	0	0
Boron	ppm	160	0	73	288

Depot: VOLV00129
Unique No: 10968182
Signed: Jonathan Hester
Report Date: 12 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

