



CONSTRUCTION EQUIPMENT

VOLVO A25G 752299 - REAR AXLE



Sample No: VCP414297
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP414297	VCP400848	VCP390794	---
Sample Date	18 Oct 2023	24 Aug 2023	30 Mar 2023	---
Machine Hours	5905	5368	3980	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

DIPROINDUCA USA LIMITED
 2528 MEDINA RD
 MEDINA, OH
 US 44256
 Contact: MATT GILLILAND
 mgilliland@diproinduca.com
 T: (225)571-0603
 F:



OIL CONDITION

Visc @ 40°C	cSt	144	140	141	---
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CONTAMINATION

Silicon	ppm	<1	2	1	---
Sodium	ppm	0	<1	0	---
Potassium	ppm	2	0	<1	---

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	21	38	40	---
Copper	ppm	<1	2	3	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	2	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	0	1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	14	25	36	---
Magnesium	ppm	1	2	10	---
Zinc	ppm	0	5	18	---
Phosphorus	ppm	995	1050	1021	---
Barium	ppm	0	0	0	---
Boron	ppm	216	237	201	---

Depot: DIPMED
Unique No: 10709625
Signed: Wes Davis
Report Date: 24 Oct 2023



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GRAPHS

