



# CONSTRUCTION EQUIPMENT

595813 DIPRO SENNEBOGAN 835 830.0.2853 - REAR AXLE



**Sample No:** VCP412471  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 595813 DIPRO



## SAMPLE INFORMATION

Sample Number	<b>VCP412471</b>	VCP426789	VCP386897	---
Sample Date	<b>05 Sep 2023</b>	29 Mar 2023	30 Aug 2022	---
Machine Hours	<b>4123</b>	3387	1894	---
Oil Hours	<b>1000</b>	1000	1000	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>139</b>	147	154	---
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## CONTAMINATION

Water	%	---	▲ 0.951	---	---
Silicon	ppm	<b>1</b>	3	2	---
Sodium	ppm	<b>2</b>	0	1	---
Potassium	ppm	<b>2</b>	<1	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	<b>48</b>	20	33	---
Copper	ppm	<b>6</b>	3	17	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>0</b>	<1	<1	---
Chromium	ppm	<b>0</b>	0	0	---
Molybdenum	ppm	<b>0</b>	0	0	---
Nickel	ppm	<b>&lt;1</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>1</b>	1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>9</b>	5	42	---
Magnesium	ppm	<b>2</b>	1	0	---
Zinc	ppm	<b>20</b>	0	27	---
Phosphorus	ppm	<b>711</b>	2044	1715	---
Barium	ppm	<b>2</b>	0	41	---
Boron	ppm	<b>19</b>	112	133	---

**Depot:** VOLVO2990  
**Unique No:** 10645541  
**Signed:** Don Baldrige  
**Report Date:** 15 Sep 2023



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## GRAPHS

