



# CONSTRUCTION EQUIPMENT

8000277406 VOLVO L306S 3224376 - FRONT DIFFERENTIAL



**Sample No:** VCP280644  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 8000277406



## SAMPLE INFORMATION

Sample Number	VCP280644	---	---	---
Sample Date	13 Mar 2021	---	---	---
Machine Hours	1471	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL  
 RED DEER COUNTY, AB  
 CA T4S 2L4  
 Contact: Perry Doyle  
 pdoyle@strongco.com  
 T: (403)346-3473  
 F: (403)346-3487



## OIL CONDITION

Visc @ 40°C	cSt	■ 209	---	---	---
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## CONTAMINATION

Water	%	▲ 0.214	---	---	---
Silicon	ppm	■ 22	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 2	---	---	---



## WEAR METALS

Iron	ppm	■ 401	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 13	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	■ 40	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	32	---	---	---
Phosphorus	ppm	2167	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	3	---	---	---

## Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** VOLVO9652  
**Unique No:** 5189065  
**Signed:** Kevin Marson  
**Report Date:** 17 Mar 2021



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

