



# CONSTRUCTION EQUIPMENT

716009 HERC RENTALS VOLVO A30G 753424 - DIESEL ENGINE



**Sample No:** VCP451018  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 716009 HERC RENTALS



## SAMPLE INFORMATION

Sample Number	VCP451018	---	---	---
Sample Date	24 May 2024	---	---	---
Machine Hours	981	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### ALTA EQUIPMENT COMPANY

5210 REESE ROAD  
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## OIL CONDITION

Visc @ 100°C	cSt	12.4	---	---	---
Base Number (BN)	mg KOH/g	8.1	---	---	---
Oxidation (PA)	%	61	---	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.3	---	---	---
Nitration (PA)	%	61	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	2	---	---	---



## WEAR METALS

Iron	ppm	9	---	---	---
Copper	ppm	74	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	48	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	1541	---	---	---
Magnesium	ppm	425	---	---	---
Zinc	ppm	1082	---	---	---
Phosphorus	ppm	1035	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	47	---	---	---

**Depot:** VOLVO0095  
**Unique No:** 11057089  
**Signed:** Jonathan Hester  
**Report Date:** 31 May 2024



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## GRAPHS

