



# CONSTRUCTION EQUIPMENT

X06878 HUGG & HALL VOLVO SD115B 236760 - GEARBOX



**Sample No:** VCP426035  
**Oil Type:** MOBIL SHC 630  
**Job No:** X06878 HUGG & HALL



## SAMPLE INFORMATION

Sample Number	VCP426035	---	---	---
Sample Date	30 Aug 2023	---	---	---
Machine Hours	727	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

**SCOTT EQUIPMENT COMPANY LLC - Springdale**  
 4831 NORTH THOMPSON  
 SPRINGDALE, AR  
 US 72764  
 Contact: LANCE FINK  
 lfink@scottcompanies.com  
 T:  
 F:



## OIL CONDITION

Visc @ 40°C	cSt	█ 213	---	---	---
-------------	-----	-------	-----	-----	-----



## CONTAMINATION

Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

## Diagnosis

VIBRATION FAILURE, FOUND LOTS OF METAL IN OIL. High concentration of visible metal present. The wear metal levels do not reflect the reported failure. No other contaminants were detected in the oil.



## WEAR METALS

Iron	ppm	█ 24	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 7	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 332	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** SCOSPR  
**Unique No:** 10634499  
**Signed:** Don Baldrige  
**Report Date:** 08 Sep 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

