



CONSTRUCTION EQUIPMENT

1035055 SILICA SVCS VOLVO EC550EL 310295 - LEFT SWING DRIVE



Sample No: VCP06220069
Oil Type: GEAR OIL SAE 80W90
Job No: 1035055 SILICA SVCS



SAMPLE INFORMATION

Sample Number	VCP06220069	---	---	---
Sample Date	10 Jun 2024	---	---	---
Machine Hours	798	---	---	---
Oil Hours	798	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
4323 EAST WINSLOW AVENUE
PHOENIX, AZ
US 85040
Contact: RANDY PRZEKURAT
randyp@arnoldmachinery.com
T:
F: (602)414-1904



OIL CONDITION

Visc @ 40°C	cSt	█ 169	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 28	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 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	█ 196	---	---	---
Copper	ppm	█ 36	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 32	---	---	---
Phosphorus	ppm	█ 358	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	<1	---	---	---

Depot: VOLVO6174
Unique No: 11098266
Signed: Wes Davis
Report Date: 26 Jun 2024

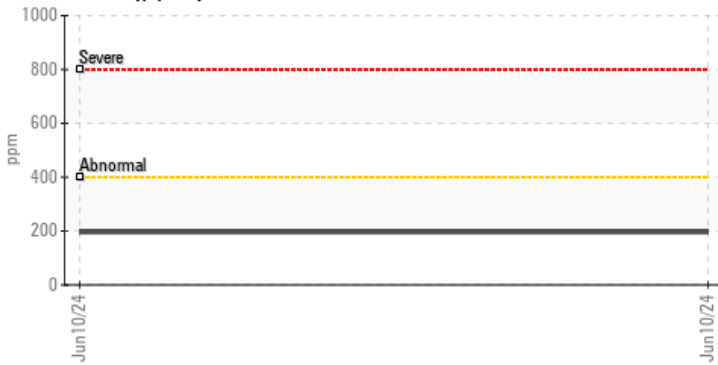


CONSTRUCTION EQUIPMENT



GRAPHS

Iron (ppm)



Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

