



CONSTRUCTION EQUIPMENT

SWA289046 DEV CEN FL VOLVO L70H 622155 - TRANSMISSION (AUTO)



Sample No: VCP427169
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWA289046 DEV CEN FL



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP427169	VCP327912	VCP285890	---
Sample Date	20 Jun 2023	18 Oct 2021	10 Sep 2020	---
Machine Hours	6109	4974	3851	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	26.6	26.81	28.0	---
-------------	-----	-------------	-------	------	-----



CONTAMINATION

Silicon	ppm	19	19	28	---
Sodium	ppm	8	7	6	---
Potassium	ppm	3	4	13	---



WEAR METALS

Iron	ppm	144	138	▲ 160	---
Copper	ppm	14	12	11	---
Lead	ppm	0	0	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	1	2	---
Chromium	ppm	1	1	1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	1	1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	12	11	11	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	146	146	143	---
Magnesium	ppm	7	6	6	---
Zinc	ppm	83	86	80	---
Phosphorus	ppm	180	161	174	---
Barium	ppm	4	2	4	---
Boron	ppm	28	30	30	---

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.

Depot: VOLVO0093
Unique No: 10536452
Signed: Doug Bogart
Report Date: 02 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

