



CONSTRUCTION EQUIPMENT

SWA308814 VOLVO L120H 632734 - DIESEL ENGINE



Sample No: VCP418652
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWA308814



SAMPLE INFORMATION

Sample Number	VCP418652	VCP276657	---	---
Sample Date	13 Jul 2023	15 Jun 2020	---	---
Machine Hours	2433	502	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



PRECAST WALL SYSTEMS

1888 NW 22 COURT
 POMPANO BEACH, FL
 US 33069
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 100°C	cSt	█ 15.0	█ 12.9	---	---
Base Number (BN)	mg KOH/g	█ 10.5	---	---	---
Oxidation (PA)	%	57	54	---	---

T:
F:

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Soot %	%	█ 0.1	█ 0.1	---	---
Nitration (PA)	%	42	65	---	---
Sulfation (PA)	%	51	55	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 4	█ 14	---	---
Sodium	ppm	█ <1	█ 4	---	---
Potassium	ppm	█ 1	█ 2	---	---



WEAR METALS

Iron	ppm	█ 2	█ 15	---	---
Copper	ppm	█ <1	█ 19	---	---
Lead	ppm	█ 0	█ 3	---	---
Tin	ppm	█ <1	█ 2	---	---
Aluminum	ppm	█ 3	█ 23	---	---
Chromium	ppm	█ 0	█ 1	---	---
Molybdenum	ppm	█ 58	█ 7	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ 0	<1	---	---
Manganese	ppm	█ <1	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 1197	█ 1138	---	---
Magnesium	ppm	█ 952	█ 699	---	---
Zinc	ppm	█ 1262	█ 780	---	---
Phosphorus	ppm	█ 1032	█ 748	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 6	█ 63	---	---

Depot: PREPOM
Unique No: 10562262
Signed: Sean Felton
Report Date: 19 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

