

CONSTRUCTION EQUIPMENT 579517 PRINCE VOLVO L90H 626298 - DIESEL ENGINE



Sample No: VCP417675

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 579517 PRINCE

SAMPLE IN	NFORMATION				
Sample Number		VCP417675	VCP398469	VCP370723	
Sample Date		07 Jul 2023	23 Jan 2023	18 Oct 2022	
Machine Hours		1506	1037	530	
Oil Hours		0	0	0	
Oil Changed		Changed	Changed	Changed	
Sample Status		NORMAL	NORMAL	NORMAL	
sample Status		NORMAL	NONWAL	NONVIAL	
VOLVO					
OIL CONDI	TION				
/isc @ 100°C	cSt	13.7	13.2	□ 12.9	
Base Number (BN)	mg KOH/g	10.2	■10.8	■11.2	
Oxidation (PA)	%	62	80	80	
CONTAMIN	JATION				
_	_	•			
Soot %	%	■ 0.2	■ 0.2	□ 0.4	
Nitration (PA)	%	58	56	63	
Sulfation (PA)	%	54	61	65	
Glycol	%	NEG	NEG	NEG	
-uel	%	<1.0	<1.0	<1.0	
Silicon	ppm	4	7	1 9	
Sodium	ppm	■<1	2	■3	
Potassium	ppm	■<1	- <1	0	
WEAR ME	ZIAT				
ron			— 16	m 22	
	ppm	8	1 6	3 3	
Copper	ppm	= <1	2	8	
Lead	ppm	0	1	<1 = 2	
Tin Numerica uma	ppm	■1	2	3	
Aluminum	ppm	3	3	8	
Chromium	ppm	■<1	1	3	
Molybdenum	ppm	■ 52	45	□ 50	
Nickel	ppm	■0	<1	0	
Titanium	ppm	0	0	<1	
Silver	ppm	■0	0	0	
Manganese	ppm	■ <1	- <1	4	
Vanadium	ppm	<1	0	<1	
VOLVO					
ADDITIVES	7				
Calcium		1071	□ 1952	□ 1722	
Calciulli	ppm	IV/ I	1334	1144	

585

1253

979

0

42

627

1217

943

0

65



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC 9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: Robert LaPlante

robert.laplante@altg.com T: (407)508-9736 F: (407)659-8720

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.

Depot:VOLVO0096Unique No:10551667Signed:Don BaldridgeReport Date:13 Jul 2023

ppm

ppm

ppm

ppm

ppm

■866

1170

943

0

2

Magnesium

Phosphorus

Zinc

Barium

Boron



CONSTRUCTION EQUIPMENT





