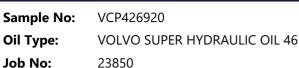
CONSTRUCTION EQUIPMENT 23850 VOLVO EC350E 314352 - HYDRAULIC SYSTEM



00	INO:	23
100		

SAMPLE INFORMATION

VOLVO

Sample Number		VCP426920			
Sample Date		18 Aug 2023			
Machine Hours		2066			
Oil Hours		2000			
Oil Changed		Changed			
Sample Status		NORMAL			
OIL CONDI	TION				
Visc @ 40°C	cSt	42.1			
Acid Number (AN)	mg KOH/g	0.49			
CONTAMINATION					

1410

18/15/12

256

21

3

0

0



OL THOMPSON

3691 PARAMOUNT DR NORTH CHARLESTON, SC US 29405 Contact: G. GARRISON ggarrison@oltc.com T: F:

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

VOLVO

Particles >4µm

Particles >6µm

Silicon

Sodium

Potassium

Particles >14µm

ISO 4406:1999 (c)

ppm

ppm

ppm

WEAR M	METALS			
Iron	ppm	2	 	
Copper	ppm	16	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	■ <1	 	
Chromium	ppm		 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	<1	 	

ADDITI	IVES			
Calcium	ppm	70	 	
Magnesium	ppm	0	 	
Zinc	ppm	506	 	
Phosphorus	ppm	404	 	
Barium	ppm	0	 	
Boron	ppm	0	 	

 Depot:
 OLTNOR

 Unique No:
 10617369

 Signed:
 Wes Davis

 Report Date:
 24 Aug 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys Particle Count 491,520 **x** 10 T -26 iron 9 •• chromium 245,760 -25 nickel 8 122,880 -24 61,440 -23 ß Abnorma ppm E, 30,720 -22 15,360 -21 2 7,680 20 3,840 -19 _____ Ω 1,920 18 🛛 Aug18/23 imber of particles (per 1 ml) Aug18/23 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 480 16 16 15 copper 240 nnn lead 14 14 • tin 120 12 -13 60 10 30 12 mdo 8 15 11 6 10 8 4 2 2 Ω Aug18/23 Aug18/23 0, 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52 0.50 Abnormal 50 0.45 0.40 48 Base 46 cSt (40°C) 44 0.25 Numper 0.20 42 -Pi V 0.15 40 0.10 38. Abnormal 0.05 0.00 36 Aug18/23 -Aug18/23 Aug18/23 8/23 Aug1

Report Id: OLTNOR [WUSCAR] 05932098 (Generated: 08/24/2023 12:51:00) Rev: 1

Contact/Location: G. GARRISON - OLTNOR