CONSTRUCTION EQUIPMENT X49139 TADANO GR 1000 RA 1347 - HYDRAULIC SYSTEM

Sample No:VCP444513Oil Type:AW HYDRAULIC OIL ISO 46Job No:X49139

SAMPLE INFORMATION

VOLVO

Sample Number		VCP444513				
Sample Date		19 Jun 2024				
Machine Hours		1272				
Oil Hours		0				
Oil Changed		N/A				
Sample Status		NORMAL				
OIL CONDI	τιον					
	IUN					
Visc @ 40°C	cSt	45.1				
Acid Number (AN)	mg KOH/g	0.35				
CONTAMINATION						

%	NEG				
	300				
	88				
	7				
	15/14/10				
ppm					
ppm	2				
ppm	2				
	% ppm ppm	% NEG 300 88 7 7 15/14/10 <1	NEG 300 88 7 15/14/10 ppm <1	NEG 300 88 7 15/14/10 ppm <1	NEG 300 88 7 15/14/10 ppm <1

WEAR METALS

ppm	0			
ppm	0			
ppm	0			
ppm	□ <1			
ppm	0			
ppm	 <1			
ppm	0			
	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ppm 0 ppm 0 ppm <1	ppm 0 ppm 0 ppm <1	ppm 0 ppm 0 ppm <1

VOLVO

ADDITIVES						
Calcium	ppm	51				
Magnesium	ppm	0				
Zinc	ppm	450				
Phosphorus	ppm	351				
Barium	ppm	0				
Boron	ppm	0				



SCOTT EQUIPMENT COMPANY LLC - Lake Charles

PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: A CLARK ACLARK@SCOTTCOMPANIES.COM T: (337)433-9811 F: (318)433-6623

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.

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.

 Depot:
 VOLVO6244

 Unique No:
 11096292

 Signed:
 Wes Davis

 Report Date:
 25 Jun 2024

Report Id: VOLVO6244 [WUSCAR] 06218095 (Generated: 06/25/2024 12:04:04) Rev: 1

Contact/Location: A CLARK - VOLVO6244

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys Particle Count 10 - 491.520 -26 iron 9 n chromium 245,760 -25 nickel 8 122,880 24 61,440 -23 ß mdo E, 30,720 22 15,360 -21 2 7.680 20 bnorma 3,840 -19 Ω 1,920 18 🛛 Jun19/24 nber of particles (per 1 ml) Jun 19/24 4406:1999 Cleanlines 960 17 Non-ferrous Metals 480 16 10 15 copper 240 q m lead 14 tin 120 8 -13 60 ß 30 12 mdo Ę 15 11 2 10 8 4 9 2 8 Ω Jun19/24 Jun 19/24 21µ 14µ 38 Viscosity @ 40°C Acid Number 52-1.00-Abnormal 51 Abnorma 0.90 50 49 0.80 (B/HO) 0.60 0.60 KOH/8) 0.50 0.40 48 47 cSt (40°C) 46 45 44 U 90.30 43 42 Abnorma 0.20 41 Abnormal 0.10 40 0.00-39 Jun 19/24 Jun19/24 Jun19/24 Jun 19/24

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