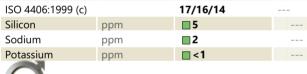
CONSTRUCTION EQUIPMENT SW-28280-2 TNT VOLVO EC220EL 314182 - HYDRAULIC SYSTEM

Sample No:	VCP435869
Oil Type:	VOLVO SUPER HYDRAULIC OIL 46
Job No:	SW-28280-2 TNT

Sample Number VCP435869

VOLVO

Sample Date		23 Jan 2024	 	
Machine Hours		2683	 	
Oil Hours		2683	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 40°C	cSt	40.2	 	
Acid Number (AN)	mg KOH/g	0.87	 	
CONTAMIN	NATION			
Water	%	0.209	 	
Particles >4µm		887	 	
Particles >6µm		483	 	
Particles >14µm		82	 	
ISO 4406:1999 (c)		17/16/14	 	



🎾 WEAR METALS

VOLVO

ADDITIVES							
Calcium	ppm	127					
Magnesium	ppm						
Zinc	ppm	447					
Phosphorus	ppm	374					
Barium	ppm	□<1					
Boron	ppm	0					



ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a light concentration of water present in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

 Depot:
 VOLV08770

 Unique No:
 10857753

 Signed:
 Jonathan Hester

 Report Date:
 06 Feb 2024

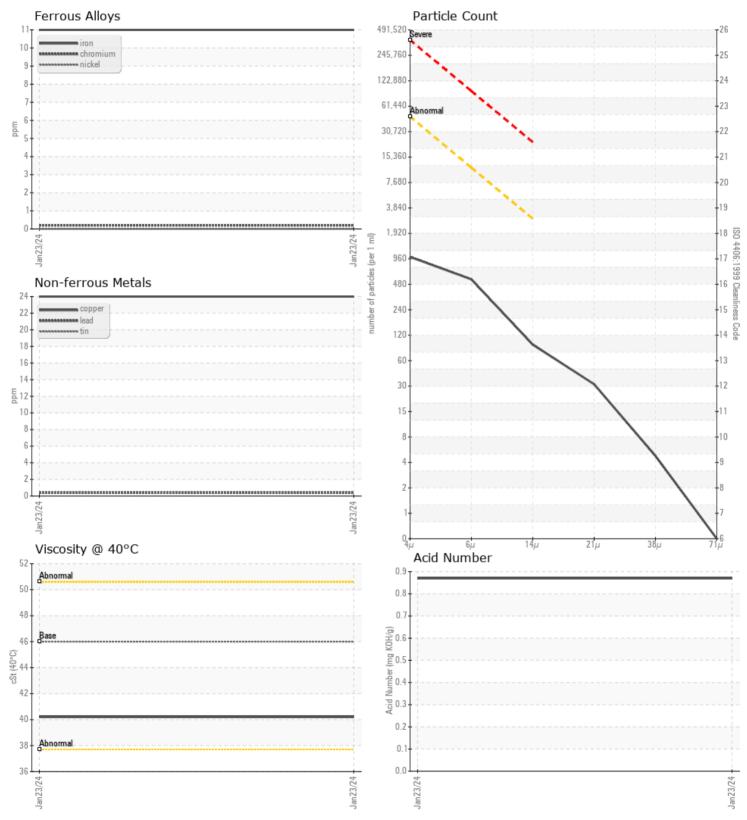
Contact/Location: TONY PAYAN - VOLVO8770

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 06075662 (Generated: 02/08/2024 14:09:28) Rev: 1

Contact/Location: TONY PAYAN - VOLVO8770