CONSTRUCTION EQUIPMENT MARTIN MARIETTA VOLVO A60H 350249 - HYDRAULIC SYSTEM

Sample No:VCP410396Oil Type:CHEVRON H

VOLVO

CHEVRON HYDRAULIC OIL AW ISO 46

Job No:

MARTIN MARIETTA

SAMPLE IN	IFORMATION			
Sample Number	-	VCP410396		
Sample Date		03 Aug 2023		
Machine Hours		2004		
Oil Hours		0		
Oil Changed		Changed		
Sample Status		ABNORMAL		
OIL CONDI	TION			
Visc @ 40°C	cSt	49.4		
Acid Number (AN)	mg KOH/g	0.51		
CONTAMIN	IATION			
Particles >4µm	-	A 85621		
Particles >6µm		<u> </u>		
Particles >14µm		602		
ISO 4406:1999 (c)		24/22/16		
ISO 4406:1999 (c) Silicon	ppm	24/22/16 8		
ISO 4406:1999 (c) Silicon Sodium	ppm ppm	24/22/16 8 1		
ISO 4406:1999 (c) Silicon Sodium Potassium	ppm ppm ppm	24/22/16 8 1 0	 	
ISO 4406:1999 (c) Silicon Sodium Potassium	ppm ppm ppm	24/22/16 8 1 0		
ISO 4406:1999 (c) Silicon Sodium Potassium WEAR MET	ppm ppm ppm FALS	24/22/16 8 1 0		
ISO 4406:1999 (c) Silicon Sodium Potassium WEAR MET Iron Copper	ppm ppm ppm TALS ppm	24/22/16 8 1 0 8 4		
ISO 4406:1999 (c) Silicon Sodium Potassium WEAR MET Iron Copper Lead	ppm ppm ppm FALS ppm ppm ppm	24/22/16 8 1 0 8 4 2	 	
ISO 4406:1999 (c) Silicon Sodium Potassium VEAR MET Iron Copper Lead Tin	ppm ppm ppm FALS ppm ppm ppm ppm	24/22/16 8 1 0 8 8 4 2 0		
ISO 4406:1999 (c) Silicon Sodium Potassium WEAR MET Iron Copper Lead Tin Aluminum	ppm ppm ppm FALS ppm ppm ppm ppm ppm	24/22/16 8 1 0 8 4 2 0 0 0		
ISO 4406:1999 (c) Silicon Sodium Potassium WEAR MET Iron Copper Lead Tin Aluminum Chromium	ppm ppm ppm FALS ppm ppm ppm ppm ppm ppm	24/22/16 8 1 0 8 8 4 2 0 0 1		
ISO 4406:1999 (c) Silicon Sodium Potassium WEAR ME WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum	ppm ppm ppm fALS ppm ppm ppm ppm ppm ppm ppm	24/22/16 8 1 0 8 4 2 0 0 0 1 		
ISO 4406:1999 (c) Silicon Sodium Potassium WEAR ME WEAR ME U Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel	ppm ppm ppm FALS ppm ppm ppm ppm ppm ppm ppm	24/22/16 8 1 0 8 8 4 2 0 0 0 1 	<td></td>	
ISO 4406:1999 (c) Silicon Sodium Potassium WEAR ME WEAR ME U VOR Iron Iron Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium	ppm ppm ppm FALS ppm ppm ppm ppm ppm ppm ppm ppm	24/22/16 8 1 0 8 8 4 2 0 0 0 1 <1 0 <1		
ISO 4406:1999 (c) Silicon Sodium Potassium VEAR ME WEAR ME U U Copper Lead Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	24/22/16 8 1 0 8 8 4 2 0 0 1 <1 0 <1 0 <1 0 0 1 0 <1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0		
ISO 4406:1999 (c) Silicon Sodium Potassium VEAR ME WEAR ME U VEAR ME VEAR ME V V VEAR	ppm ppm ppm FALS ppm ppm ppm ppm ppm ppm ppm ppm ppm pp	24/22/16 8 1 0 8 8 4 2 0 0 1 <1 0 <1 0 <1 0 <1		

ROMCO INC - AUSTIN BRANCH

1150 WEST OLD SETTLERS BOULEVARD ROUNDROCK, TX US 78681 Contact: ED MAYES EMAYES@ROMCO.COM T: (737)204-9402 F: (512)388-2673

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 high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO0088 Unique No: 10669411 Signed: Jonathan Hester Report Date: 29 Sep 2023

729

2

576

466

0 🔲

0

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Contact/Location: ED MAYES - VOLVO0088

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0088 [WUSCAR] 05962860 (Generated: 10/04/2023 23:39:56) Rev: 1

Contact/Location: ED MAYES - VOLVO0088