

Machine Id VOLVO 235E316089 Component Hydraulic System Fluid AW HYDRAULIC OIL ISO 46 (--- GAL)

RECOMMENDATION

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.

WEAR

All component wear rates are normal.

CONTAMINATION

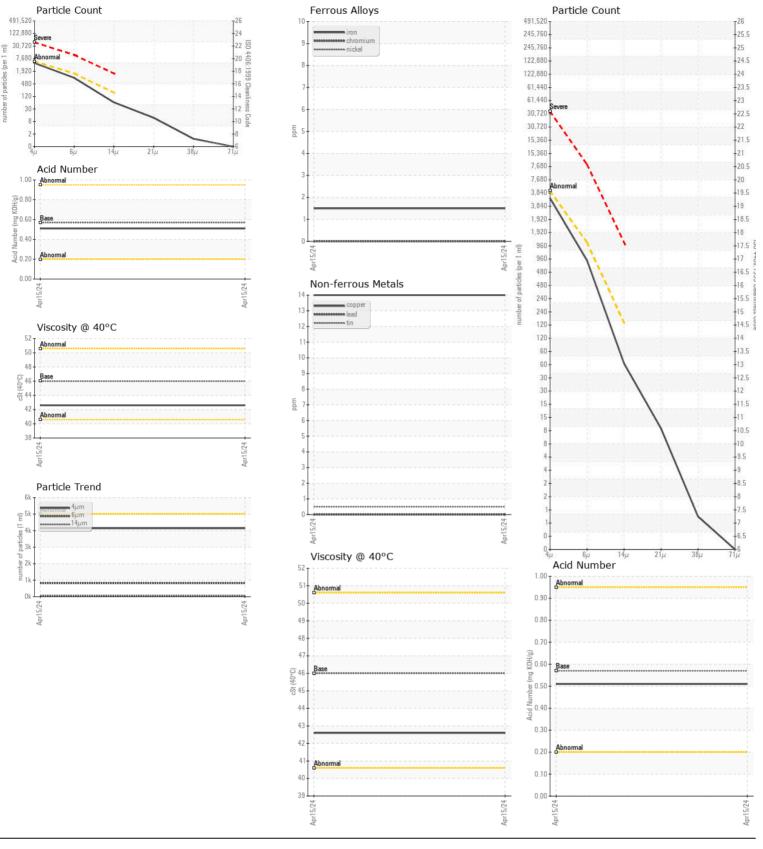
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

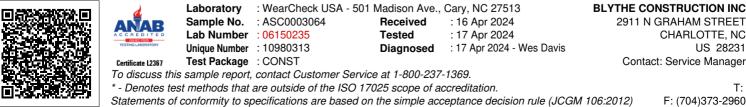
FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sample Number Client Info ASC0003064 Sample Date Client Info 15 Apr 2024 Machine Age hrs Client Info 0 Dil Age hrs Client Info 646 Filter Age hrs Client Info Changed Sample Status Client Info Changed Sample Status VORMAL Nickel ppm ASTM D5185m 0 Nickel ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 0 Aged ppm ASTM D5185m >10 C Aged ppm ASTM D5185m >10 C Aged ppm ASTM D5185m 10 C					· · · · · · · · · · · · · · · · · · ·		
Sample Number Client Info ASC0003064 Sample Date Client Info 15 Apr 2024 Machine Age hrs Client Info 646 Filter Age hrs Client Info 646 Sample Status Client Info Changed Sample Status Client Info Changed Tron ppm ASTM D5185m >10 0 Silver ppm ASTM D5185m >10 0 Silver ppm ASTM D5185m >10 0 Auminum ppm ASTM D5185m >10 0 Auminum ppm ASTM D5185m >10 0 Auminum ppm ASTM D5185m >10 0	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age hrs Client Info 646 Cil Age hrs Client Info 646 Filter Age hrs Client Info Changed Gil Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >20 2 Chromium ppm ASTM D5185m >10 0 Silver ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 <1 Aluminum ppm ASTM D5185m >10 <1 Vanadium ppm ASTM D5185m >10 <1	Sample Number		Client Info		ASC0003064	-	
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Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >20 4 Potassium ppm ASTM D5185m >20 0 Water WC Method >0.1 NEG Particles >4µm ASTM D7647 >5000 4142 Particles >6µm ASTM D7647 >160 55 Particles >3µm ASTM D7647 >40 10 Particles >71µm ASTM D7647 >3 0 Oll Cleanliness ISO 4406 (c) >9/1/1/4 19/17/13 Silt scalar *Visual NONE NONE Odor scalar *Visual NONE NONE Sodium ppm ASTM D5185m 5 0	Vanadium	ppm	ASTM D5185m		0		
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Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.51	Zinc	ppm					
	Sulfur		ASTM D5185m	2500			
Visc @ 40°C cSt ASTM D445 46 42.6	Acid Number (AN)	mg KOH/g		0.57			
	Visc @ 40°C	cSt	ASTM D445	46	42.6		

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL





Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Submitted By: Kendall Rhodes Page 2 of 2