

OIL ANALYSIS REPORT

72CTL-PACK-DS-HYD-ASSY

Hydraulic System

AW HYDRAULIC OIL ISO 46 (62 GAL)

Sample Rating Trend



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

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

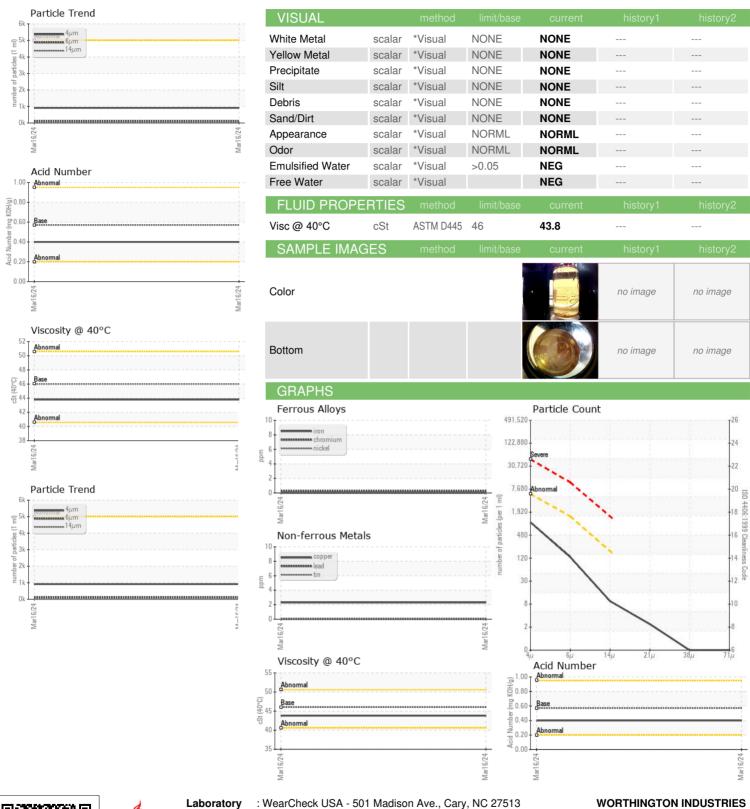
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

				Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0071513		
Sample Date		Client Info		16 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATI	ON	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	2		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	0		
Barium	ppm	ASTM D5185m	5	0		
Molybdenum	ppm	ASTM D5185m	5	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	25	3		
Calcium	ppm	ASTM D5185m	200	57		
Phosphorus	ppm	ASTM D5185m	300	382		
Zinc	ppm	ASTM D5185m	370	468		
Sulfur	ppm	ASTM D5185m	2500	1007		
CONTAMINAN		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID CLEANL	INESS		limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	915		
Particles >6μm		ASTM D7647	>1300	113		
Particles >14μm		ASTM D7647	>160	8		
Particles >21µm		ASTM D7647	>40	2		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
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Oil Cleanliness FLUID DEGRAD		ISO 4406 (c)	>19/17/14 limit/base	17/14/10		

0.40



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Certificate L2367

Laboratory Sample No.

Lab Number : 06137372 Unique Number: 10956837 Test Package : IND 2

: PCA0071513

Received **Tested** Diagnosed

: 03 Apr 2024 : 04 Apr 2024 : 04 Apr 2024 - Wes Davis

WORTHINGTON INDUSTRIES 100 WORTHINGTON DR

PORTER, IN US 46304

Contact: ROBERT HARDIN robert.hardin@worthingtonindustries.com

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

T: F:

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