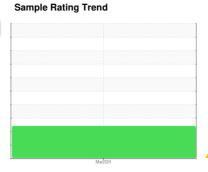


OIL ANALYSIS REPORT





SPP-2 Component Hydraulic System {not provided} (--- GAL)

DIAGNOSIS

Machine Id

Recommendation

We advise that you check for the source of water entry. We recommend you service the filters on this component. 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

Appearance is hazy. There is a moderate concentration of water present in the oil.

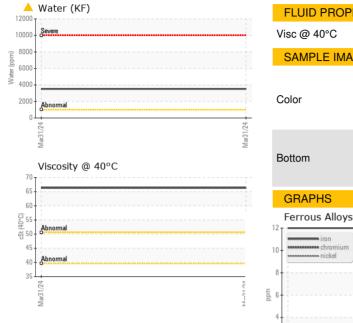
Fluid Condition

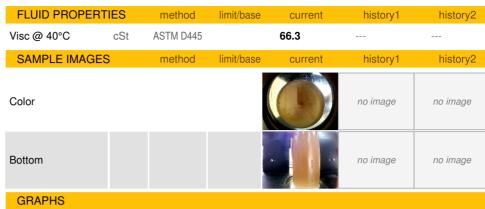
The condition of the oil is acceptable for the time in service.

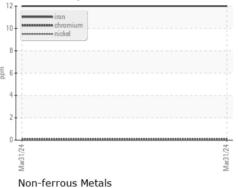
				Mar2024		`
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		AO0000342		
Sample Date		Client Info		31 Mar 2024		
Machine Age	hrs	Client Info		15416		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	12		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>75	5		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m	710	0		
Cadmium	ppm	ASTM D5185m		0		
	ррпп	AO IIVI DO IOOIII		Ū		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		14		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		15		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		46		
Phosphorus	ppm	ASTM D5185m		399		
Zinc	ppm	ASTM D5185m		431		
Sulfur	ppm	ASTM D5185m		1993		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	4		
Sodium	ppm	ASTM D5185m		60		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304	>0.1	△ 0.352		
ppm Water	ppm	ASTM D6304	>1000	▲ 3520		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	HAZY		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	0.2%		
Free Water	scalar	*Visual		NEG		

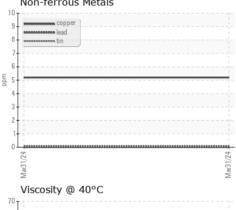


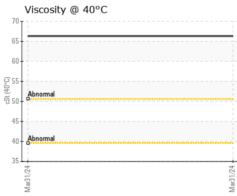
OIL ANALYSIS REPORT













Certificate 12367

Laboratory Sample No.

: AO0000342 Lab Number : 06150829

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 16 Apr 2024 **Tested** : 19 Apr 2024

: 19 Apr 2024 - Jonathan Hester

Unique Number : 10980907 Diagnosed

Test Package : FLEET (Additional Tests: KF) 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

DEEP WELL SERVICES

10218 WEST CR 148 MIDLAND, TX

US 79706

Contact: ADRIAN GARCIA agarcia@deepwellservices.com

T: F: