

# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# **FERRARA ENGINE 8**

Hydraulic System

**AW HYDRAULIC OIL ISO 32 (--- 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 32. Please confirm.

All component wear rates are normal.

## Contamination

There is no indication of any contamination in the

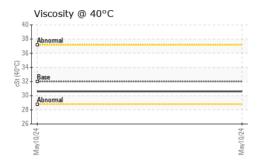
## **Fluid Condition**

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

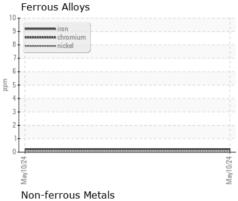
				May2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0938764		
Sample Date		Client Info		10 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed	1113	Client Info		Not Changd		
Sample Status		Oliciti IIIIo		NORMAL		
CONTAMINATIO	M	method	limit/base	current	history1	history2
Water	<b>71 V</b>	WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
					history1	
Iron	ppm	ASTM D5185m	>20	<1		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	10	0		
Aluminum	ppm	ASTM D5185m	>10	4		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>75	2		
Tin	ppm	ASTM D5185m	>10	<1		
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	1		
Molybdenum	ppm	ASTM D5185m	5	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	25	5		
Calcium	ppm	ASTM D5185m	200	72		
Phosphorus	ppm	ASTM D5185m	300	406		
Zinc	ppm	ASTM D5185m	370	410		
Sulfur	ppm	ASTM D5185m	2500	855		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
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	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG		
2:03:09) Rev: 1	220.07				ion: K JOHNSO	N - BOSBOSLA
*						D 4 (0



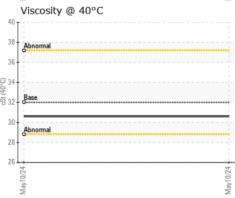
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FLUID PROPERT	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	32	30.6		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
					•	



10	·ictais	
copper		
peeeeeeeeeeeeee lead		
8 - management tin		
7		
6-		
5-		
4		
3-		
2		 
1+		
0		 
1/24		)/24
May10/24		May10/24
Viscosity @ 4	0°C	





Certificate 12367

Laboratory

**Sample No.** : WC0938764 Lab Number : 06200957 Unique Number : 11063080 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received : 05 Jun 2024 Tested Diagnosed

: 06 Jun 2024 : 06 Jun 2024 - Wes Davis **BOSSIER CITY FIRE DEPT** 5850 SHED RD BOSSIER CITY, LA US 71111 Contact: K JOHNSON

JOHNSONK@FIRESERVERRO.COM T:

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) F: