

## **OIL ANALYSIS REPORT**

Sample Rating Trend

# WEAR

Area Windmill Plastics - W02200 A2406055

Hydraulic System Fluid AW HYDRAULIC OIL ISO 46 (--- GAL)

### DIAGNOSIS

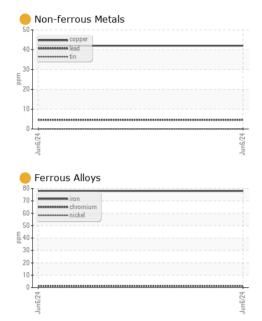
### Wear

Copper and iron ppm levels are noted.

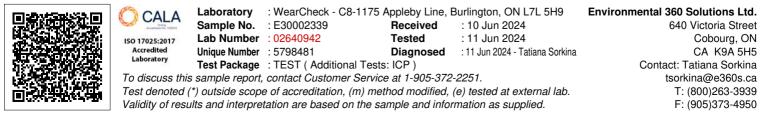
				Jun2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Batch #		Client Info		2024 05 0790		
Department		Client Info		Production		
Sample From		Client Info		Machine		
Production Stage		Client Info		Initial		
Sent to WC		Client Info		06/06/2024		
Sample Number		Client Info		E30002339		
Sample Date		Client Info		06 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
CONTAMINATIC	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	<b>e</b> 78		
Chromium	ppm	ASTM D5185(m)	>10	1		
Nickel	ppm	ASTM D5185(m)	>10	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Lead	ppm	ASTM D5185(m)	>20	5		
Copper	ppm	ASTM D5185(m)	>20	<mark> </mark> 42		
Tin	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)		0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	5	1		
Barium	ppm	ASTM D5185(m)	5	<1		
Molybdenum	ppm	ASTM D5185(m)	5	0		
Vanganese	ppm	ASTM D5185(m)		1		
Magnesium	ppm	ASTM D5185(m)	25	13		
Calcium	ppm	ASTM D5185(m)	200	20		
Phosphorus	ppm	ASTM D5185(m)	300	405		
Zinc	ppm	ASTM D5185(m)	370	320		
Sulfur	ppm	ASTM D5185(m)	2500	1724		
Lithium	ppm	ASTM D5185(m)		1		
CONTAMINANTS	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	2		
Sodium	ppm	ASTM D5185(m)		2		
Potassium	ppm	ASTM D5185(m)	>20	2		



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VISUAL						
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	LIGHT		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
SAMPLE IMAGES	3	method	limit/base	current	history1 no image	history2 no image
		method	limit/base	current		
Color		method	limit/base	current	no image	no image



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