

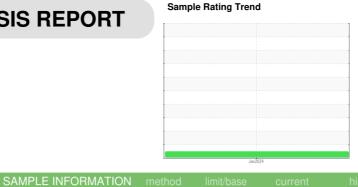
OIL ANALYSIS REPORT

A2401069

Quench Oil

{not provided} (--- GAL)

Metex - M00800 Component





Recommendation	Batch #	Client Info	2023 12 0490	
This is a baseline read-out on the submitted	Department	Client Info	Production	
sample.	Sample From	Client Info	Machine	
Wear	Production Stage	Client Info	Final	
Iron ppm levels are noted.	Sent to WC	Client Info	01/12/2024	
Contamination	Sample Number	Client Info	E30001143	

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Department		Client Info	Production	
Sample From		Client Info	Machine	
Production Stage		Client Info	Final	
Sent to WC		Client Info	01/12/2024	
Sample Number		Client Info	E30001143	
Sample Date		Client Info	12 Jan 2024	
Machine Age	hrs	Client Info	0	
Oil Age	hrs	Client Info	0	
Oil Changed		Client Info	N/A	
Sample Status			NORMAL	

CONTAMINATIO	N	method				history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		72		
Chromium	ppm	ASTM D5185(m)		<1		
Nickel	ppm	ASTM D5185(m)		1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)		<1		
Lead	ppm	ASTM D5185(m)		<1		
Copper	ppm	ASTM D5185(m)		<1		
Tin	ppm	ASTM D5185(m)		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)		<1		
Barium	ppm	ASTM D5185(m)		0		

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<1		
Barium	ppm	ASTM D5185(m)		0		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		4		
Magnesium	ppm	ASTM D5185(m)		2		
Calcium	ppm	ASTM D5185(m)		19		
Phosphorus	ppm	ASTM D5185(m)		4		
Zinc	ppm	ASTM D5185(m)		29		
Sulfur	ppm	ASTM D5185(m)		296		
Lithium	ppm	ASTM D5185(m)		<1		
0017444114						

CONTAMINAN	ITS	method			history2
Silicon	ppm	ASTM D5185(m)		3	
Sodium	ppm	ASTM D5185(m)		0	
Potassium	ppm	ASTM D5185(m)	>20	1	

С

{not applicable}

Fluid Condition

{not applicable}



OIL ANALYSIS REPORT

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	LIGHT		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	WGOIL		
Odor	scalar	Visual*	NORML	NORML		
SAMPLE IMAGES	;	method	limit/base	current	history1	history2
Color						
					no image	no image
Bottom					no image	no image



CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

: E30001143 : 02609572 Unique Number : 5710658

Recieved Diagnosed

: 17 Jan 2024 : 19 Jan 2024

Diagnostician : Tatiana Sorkina

Environmental 360 Solutions Ltd. 640 Victoria Street Cobourg, ON CA K9A 5H5 Contact: Tatiana Sorkina

tsorkina@e360s.ca T: (800)263-3939 F: (905)373-4950

Test Package : TEST (Additional Tests: ICP) To discuss this sample report, contact Customer Service at 1-905-372-2251.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.