

#### [4371] Machine Id 12-023-CD Component New (Unused) Oil Fluid PETRO CANADA LUMINOL TRI (--- GAL)

### RECOMMENDATION

This is a baseline read-out on the submitted sample.

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## WEAR

{not applicable}

### CONTAMINATION

{not applicable}

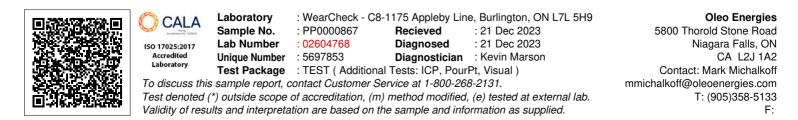
# FLUID CONDITION

Pour Point = -60°C.

WEAR	NORMAL
CONTAMINATION	
FLUID CONDITION	NORMAL

	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		PP0000867		
	Sample Date		Client Info		20 Dec 2023		
	Machine Age	hrs	Client Info		0		
	Oil Age	hrs	Client Info		0		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		N/A		
	Filter Changed		Client Info		N/A		
	Sample Status				NORMAL		
					•		
	Iron	ppm	ASTM D5185(m)	>5	0		
	Chromium	ppm	ASTM D5185(m)	>5	0		
	Nickel	ppm	ASTM D5185(m)	>5	0		
	Titanium Silver	ppm	ASTM D5185(m)	. E	0		
		ppm	ASTM D5185(m)	>5	0		
	Aluminum	ppm	ASTM D5185(m)	>5	<1		
	Lead	ppm	ASTM D5185(m)	>5	0		
	Copper	ppm	ASTM D5185(m)	>5	0		
	Tin Vanadium	ppm	ASTM D5185(m)	>5	0		
		ppm	ASTM D5185(m)		0		
	White Metal	scalar	Visual*	NONE	NONE		
	Yellow Metal	scalar	Visual*	NONE	NONE		
	Silicon	ppm	ASTM D5185(m)	>15	0		
	Potassium	ppm	ASTM D5185(m)	>20	<1		
	Water		WC Method		NEG		
	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		
	Sodium			. 5	0		
	Boron	ppm	ASTM D5185(m)	>5	0		
	Barium	ppm	ASTM D5185(m) ASTM D5185(m)	0	0		
	Molybdenum	ppm	ASTM D5185(m)	0	0		
	Manganese	ppm	ASTM D5185(m)	0	0		
	Magnesium	ppm ppm	ASTM D5185(m)		0 <1		
	Calcium	ppm	ASTM D5185(m)	0	0		
	Phosphorus	ppm	ASTM D5185(m)		0		
	Zinc	ppm	ASTM D5185(m)	0	ہ <1		
	Sulfur	ppm	ASTM D5185(m)	10	0		
	Pour Point	°C	ASTM D3103(III) ASTM D97*	-60	-60		
		0	1011000	00			

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