

OIL ANALYSIS REPORT





TOROMONT CAT [E17042024F] CATERPILLAR 36-07 MT33674A (S/N YBN20082)

Reference New (Unused) Oil Fluid
PANOLIN HLP SYNTH





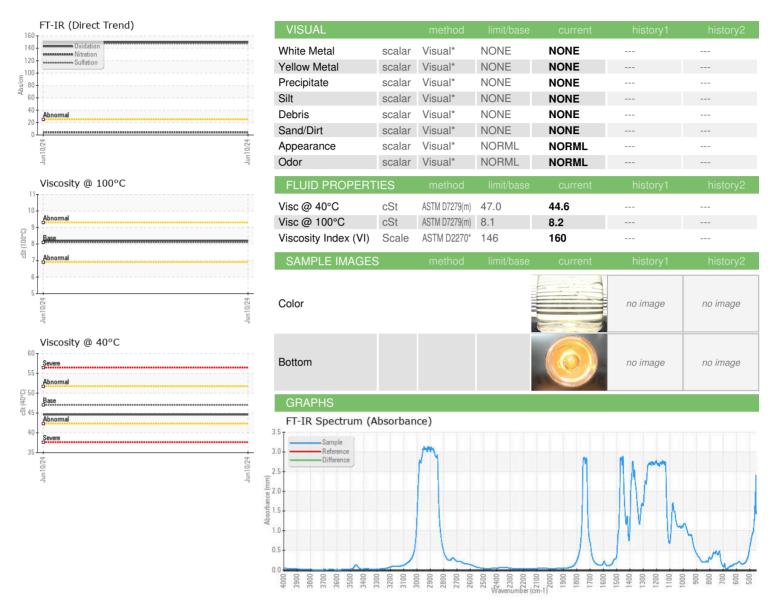
Recommendation

Il s'agit du relevé de base de l'échantillon soumis.

46 (LTR)				Jun 2024		
+0 (LTN)			•	Juni2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC		
Sample Date		Client Info		10 Jun 2024		
Machine Age	hrs	Client Info		3804		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)		0		
Chromium	ppm	ASTM D5185(m)		0		
Nickel	ppm	ASTM D5185(m)		0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)		0		
_ead	ppm	ASTM D5185(m)		0		
Copper	ppm	ASTM D5185(m)		0		
Γin	ppm	ASTM D5185(m)		0		
Antimony	ppm	ASTM D5185(m)		0		
/anadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES	1-1-	method	limit/base	current	history1	history2
Boron	nnm		0	<1		
	ppm	ASTM D5185(m)	0	0		
Barium	ppm	ASTM D5185(m)		-		
Molybdenum	ppm	ASTM D5185(m)	0	0		
Manganese	ppm	ASTM D5185(m)	0	0		
Magnesium	ppm	ASTM D5185(m)	0	<1		
Calcium	ppm	ASTM D5185(m)	0	0		
Phosphorus	ppm	ASTM D5185(m)	1700	1551		
Zinc	ppm	ASTM D5185(m)	0	<1		
Sulfur	ppm	ASTM D5185(m)	1350	1278		
_ithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		0		
Sodium	ppm	ASTM D5185(m)		0		
Potassium	ppm	ASTM D5185(m)	>20	<1		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		0		
Nitration	Abs/cm	ASTM D7624*		4.1		
Sulfation	Abs/.1mm	ASTM D7415*		147.7		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*		149.8		



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Sample No.

Laboratory

: WC Lab Number : 02641876 Unique Number : 5799415

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 13 Jun 2024 **Tested** : 14 Jun 2024 Diagnosed : 18 Jun 2024 - Kevin Marson

Test Package : TEST (Additional Tests: ICP-NewOil)

To discuss this sample report, contact Customer Service at 1-800-268-2131. 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.

Envirolin Canada 520 rue Adanac

Quebec, QC CA G1C 7B7

Contact: Patrick Levesque patrick.levesque@envirolin.com T: (418)623-1216

F: (418)660-8889