

OIL ANALYSIS REPORT

Sample Rating Trend



021 - M-TRANS AST 20

Component New (Unused) Oil

{not provided} (--- GAL)

DIAGNOSIS

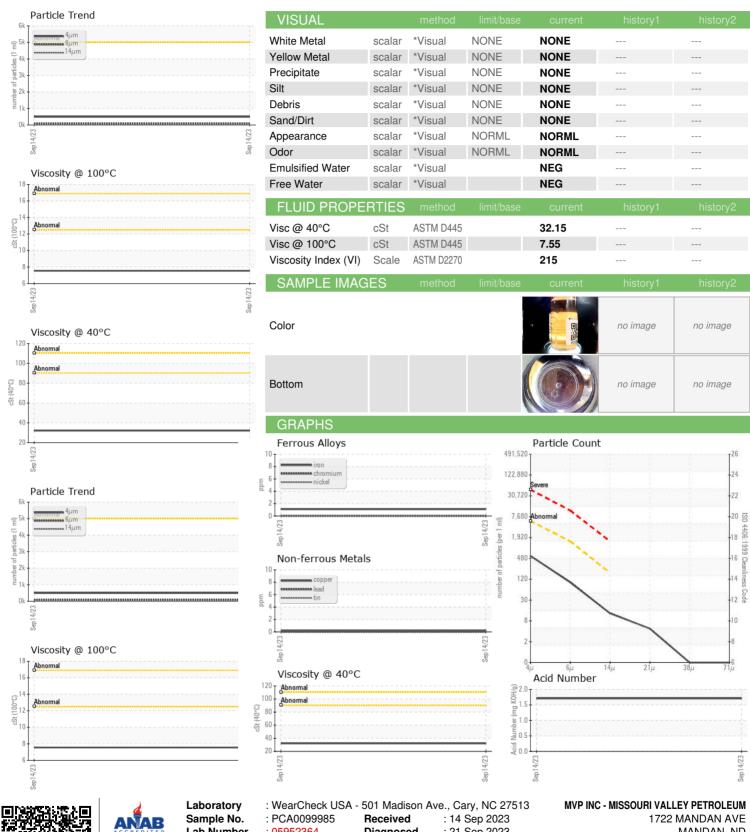
Recommendation

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

				Sep2023		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0099985		
Sample Date		Client Info		14 Sep 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed	0	Client Info		N/A		
Sample Status		Onorte milo		NORMAL		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		1		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		3		
Lead	ppm	ASTM D5185m		0		
Copper	ppm	ASTM D5185m		<1		
Tin	ppm	ASTM D5185m		<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES	1-1-	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum		ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		4		
Calcium	ppm	ASTM D5185m		3022		
	ppm	ASTM D5185m		993		
Phosphorus Zinc	ppm			1141		
Sulfur	ppm	ASTM D5185m ASTM D5185m				
	ppm	NSTINI DOTOOTII		4626		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		6		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID CLEANL	INESS		limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	496		
Particles >6µm		ASTM D7647	>1300	86		
Particles >14µm		ASTM D7647	>160	11		
Particles >21µm		ASTM D7647		4		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/14/11		
FLUID DEGRAD	OATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.71		



OIL ANALYSIS REPORT





Lab Number **Unique Number**

: 05952364 : 10648323

Diagnosed Diagnostician : Jonathan Hester

: 21 Sep 2023

MANDAN, ND US 58554

Test Package : MOB 2 (Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, VI) Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: RIC ABERLE RICHARD.ABERLE@PARKLANDUSA.COM T: (701)663-5091

* - 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)

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