

## **OIL ANALYSIS REPORT**

**Sample Rating Trend** 

NORMAL

# TOTE 084 - M-TRANS AST 20

Component New (Unused) Oil

**MOBIL MOBILTRANS AST 20 (--- GAL)** 

#### DIAGNOSIS

#### Recommendation

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

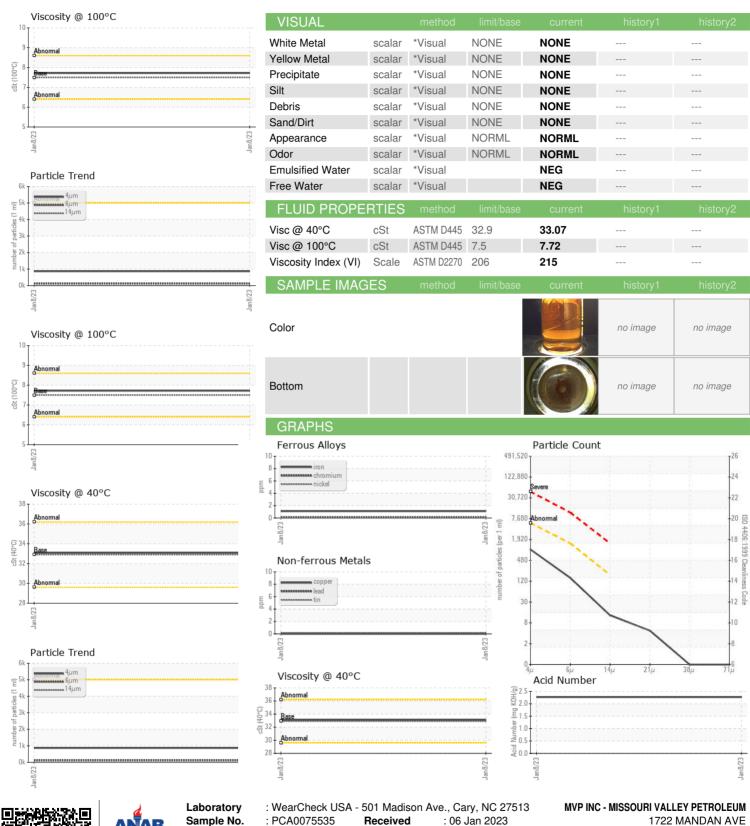
				Jan 2023		
SAMPLE INFOR	RMATIOI	N method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0075535		
Sample Date		Client Info		08 Jan 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed	1113	Client Info		N/A		
Sample Status		Ollerit IIIIO		NORMAL		
•						
WEAR METAI	LS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		1		
Chromium	ppm	ASTM D5185m		<1		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		1		
Lead	ppm	ASTM D5185m		<1		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		12		
Calcium	ppm	ASTM D5185m		3179		
Phosphorus	ppm	ASTM D5185m		1018		
Zinc	ppm	ASTM D5185m		1243		
Sulfur	ppm	ASTM D5185m		4938		
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		4		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID CLEAN	ILINES	S method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	865		
Particles >6µm		ASTM D7647	>1300	132		
Particles >14μm		ASTM D7647	>160	11		
Particles >21µm		ASTM D7647	>40	4		
Particles >38µm		ASTM D7647	>10	0		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	17/14/11		
FLUID DEGRA	DATIO	V method	limit/base	current	history1	history2

Acid Number (AN) mg KOH/g ASTM D8045

2.27



### **OIL ANALYSIS REPORT**





Sample No. Lab Number **Unique Number** 

: PCA0075535

: 10282693

Received : 05733095

Diagnosed Diagnostician : Jonathan Hester

: 10 Jan 2023

1722 MANDAN AVE MANDAN, ND US 58554

Test Package : MOB 2 ( Additional Tests: FT-IR, ICP-NewOil, KF, 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

\* - 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) T: (701)663-5091 F: (701)663-9445