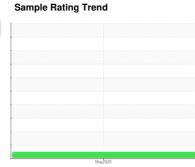


OIL ANALYSIS REPORT







DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

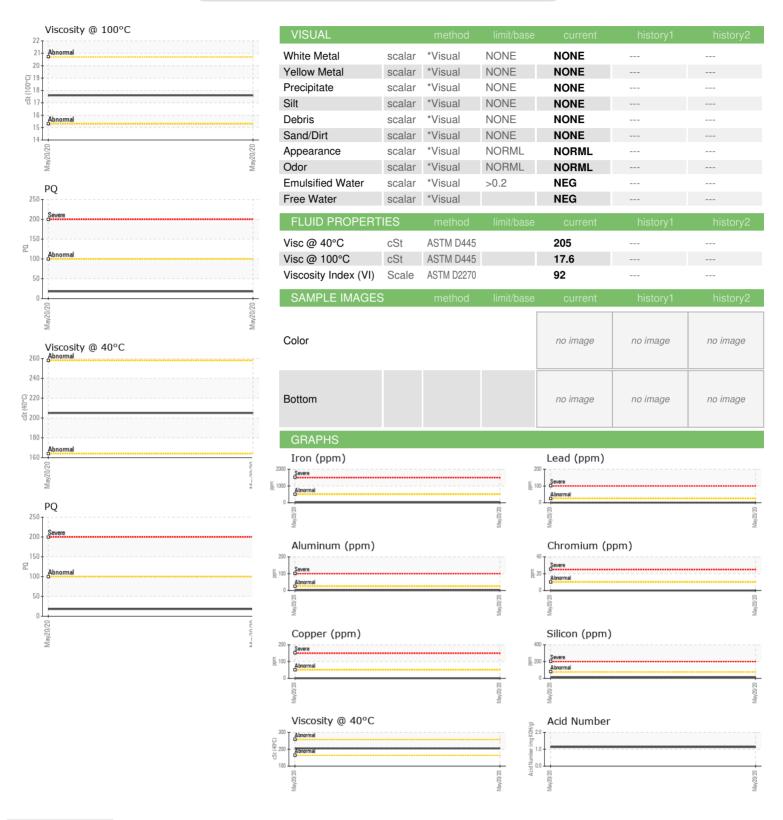
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/base current history1 history1 Sample Number Client Info TO1007018 Sample Date Client Info 20 May 2020 Machine Age hrs Client Info 1022 Oil Age hrs Client Info 1022 Oil Changed Client Info Changed Oil Changed Client Info Changed Sample Status NORMAL WEAR METALS method limit/base current history1 history1 PQ ASTM D8188h 18 Ir		May2020	N			1 50 (1 GAL)
Sample Date Client Info 20 May 2020 Machine Age hrs Client Info 36956 Client Info 1022 Client Info Sample Status NORMAL Changed Changed	histor	current	limit/base	method	IATION	SAMPLE INFORM
Machine Age hrs Client Info 36956 Oil Age hrs Client Info 1022 Oil Changed Client Info Changed Sample Status NORMAL CONTAMINATION method limit/base current history1 history1 Water WC Method >0.2 NEG WEAR METALS method limit/base current history1 history1 Water WC Method >0.2 NEG WEAR METALS method limit/base current history1 history1 Water WC Method >0.2 NEG WEAR METALS method limit/base current history1 history1 Niste ppm ASTM D5185m >50.0 12 Chromium ppm ASTM D5185		TO1007018		Client Info		Sample Number
Dil Age		20 May 2020		Client Info		Sample Date
Contamped Client Info Changed Changed Changed Changed Contamped Contamped		36956		Client Info	hrs	Machine Age
NORMAL		1022		Client Info	hrs	Oil Age
CONTAMINATION method limit/base current history1 history1 Water WC Method >0.2 NEG WEAR METALS method limit/base current history1 history1 PQ ASTM D81844 18 PQ ASTM D8185m >500 12 Chromium ppm ASTM D8185m >10 0 Chromium ppm ASTM D8185m 0 Nickel ppm ASTM D8185m 0 Silver ppm ASTM D8185m >25 2 Aluminum ppm ASTM D8185m >25 2 Lead ppm ASTM D8185m >25 2 Lead ppm ASTM D8185m >50 0 Copper ppm ASTM D8185m >10		Changed		Client Info		Oil Changed
Water WC Method >0.2 NEG WEAR METALS method limit/base current history1 history1 PQ ASTM D8184 18 ron ppm ASTM D5185m >500 12 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m 0 Nickel ppm ASTM D5185m 0 Siliver ppm ASTM D5185m >25 2 Aluminum ppm ASTM D5185m >25 2 Lead ppm ASTM D5185m >50 0 Lead ppm ASTM D5185m >50 0 Copper ppm ASTM D5185m >10 0 Copper ppm ASTM D		NORMAL				Sample Status
WEAR METALS method limit/base current history1 history1 PQ ASTM D8184 18 ron ppm ASTM D5185m >500 12 Chromium ppm ASTM D5185m 0 Nickel ppm ASTM D5185m 0 Silver ppm ASTM D5185m <1	histor	current	limit/base	method	١	CONTAMINATION
PQ		NEG	>0.2	WC Method		Water
Part	histor	current	limit/base	method		WEAR METALS
Chromium		18		ASTM D8184		PQ
Nickel		12	>500	ASTM D5185m	ppm	ron
Silver		0	>10	ASTM D5185m	ppm	Chromium
Silver		0		ASTM D5185m	ppm	Nickel
Ast District District Ast District Ast District Ast District District Ast District Distri		0		ASTM D5185m	ppm	Titanium
Depart D		<1		ASTM D5185m	ppm	Silver
Copper ppm ASTM D5185m >50 0 Fin ppm ASTM D5185m >10 0 Antimony ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m <1		2	>25	ASTM D5185m	ppm	Aluminum
Antimony ppm ASTM D5185m >10 0 Antimony ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m <1 ADDITIVES method limit/base current history1 history1 ADDITIVES method limit/base current history1 ADDITIVES method limit/base current history1 limit/base curre		<1	>25	ASTM D5185m	ppm	_ead
Antimony ppm ASTM D5185m 0		0	>50	ASTM D5185m	ppm	Copper
Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m <1 ADDITIVES method limit/base current history1 history1 Barium ppm ASTM D5185m 3 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m <1 Manganese ppm ASTM D5185m 12 Magnesium ppm ASTM D5185m 3809 Phosphorus ppm ASTM D5185m 903 Zinc ppm ASTM D5185m 1081 Sulfur ppm ASTM D5185m 3902 CONTAMINANTS method limit/base current history1 history1 history2		0	>10	ASTM D5185m	ppm	Γin
Cadmium ppm ASTM D5185m <1 ADDITIVES method limit/base current history1 history3 Barium ppm ASTM D5185m 3 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m <1		0		ASTM D5185m	ppm	Antimony
ADDITIVES method limit/base current history1 history1 Boron ppm ASTM D5185m 3 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m <1		0		ASTM D5185m	ppm	/anadium
Soron ppm ASTM D5185m 3		<1		ASTM D5185m	ppm	Cadmium
Sarium ppm ASTM D5185m 0	histor	current	limit/base	method		ADDITIVES
Sarium		3		ASTM D5185m	ppm	Boron
Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 12 Calcium ppm ASTM D5185m 3809 Phosphorus ppm ASTM D5185m 903 Zinc ppm ASTM D5185m 1081 Sulfur ppm ASTM D5185m 3902 CONTAMINANTS method limit/base current history1 history1 Silicon ppm ASTM D5185m >75 12		0		ASTM D5185m	ppm	Barium
Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 12 Calcium ppm ASTM D5185m 3809 Phosphorus ppm ASTM D5185m 903 Zinc ppm ASTM D5185m 1081 Sulfur ppm ASTM D5185m 3902 CONTAMINANTS method limit/base current history1 history1 Silicon ppm ASTM D5185m >75 12		<1		ASTM D5185m	ppm	Molybdenum
Calcium ppm ASTM D5185m 3809 Phosphorus ppm ASTM D5185m 903 Zinc ppm ASTM D5185m 1081 Sulfur ppm ASTM D5185m 3902 CONTAMINANTS method limit/base current history1 history1 Silicon ppm ASTM D5185m >75 12		<1		ASTM D5185m	ppm	Manganese
Phosphorus ppm ASTM D5185m 903 Zinc ppm ASTM D5185m 1081 Sulfur ppm ASTM D5185m 3902 CONTAMINANTS method limit/base current history1 history1 Silicon ppm ASTM D5185m >75 12		12		ASTM D5185m	ppm	Magnesium
Zinc ppm ASTM D5185m 1081 Sulfur ppm ASTM D5185m 3902 CONTAMINANTS method limit/base current history1 history1 Silicon ppm ASTM D5185m >75 12		3809		ASTM D5185m	ppm	Calcium
Sulfur ppm ASTM D5185m 3902 CONTAMINANTS method limit/base current history1 history1 Silicon ppm ASTM D5185m >75 12		903		ASTM D5185m	ppm	Phosphorus
CONTAMINANTS method limit/base current history1 history1 history1 current ppm ASTM D5185m >75 12		1081		ASTM D5185m	ppm	Zinc
Silicon ppm ASTM D5185m >75 12		3902		ASTM D5185m	ppm	Sulfur
	histor	current	limit/base	method		CONTAMINANTS
		12	>75	ASTM D5185m	ppm	Silicon
		0		ASTM D5185m		Sodium
Potassium ppm ASTM D5185m >20 1		1	>20	ASTM D5185m		Potassium
FLUID DEGRADATION method limit/base current history1 history	histor	current	limit/base	method	TION	FLUID DEGRADA
Acid Number (AN) mg KOH/g ASTM D8045 1.135		1.135		ASTM D8045	mg KOH/g	Acid Number (AN)



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: TO1007018 Lab Number : 05078305

Unique Number : 9193536

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 30 Sep 2020 : 01 Oct 2020 Diagnosed

ANCHOR STONE TULSA ROCK TULSA ROCK QUARRY, 66TH ST N 145TH AVENUE TULSA, OK

: 01 Oct 2020 - Wes Davis Test Package: MOB 2 (Additional Tests: KV100, PQ, VI)

US 74137 Contact: MIKE SNYDER msnyder@anchorstoneco.com T: (417)850-9635

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - 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)

Report Id: ANCTUL [WUSCAR] 05078305 (Generated: 05/14/2024 13:01:22) Rev: 1

Contact/Location: MIKE SNYDER - ANCTUL