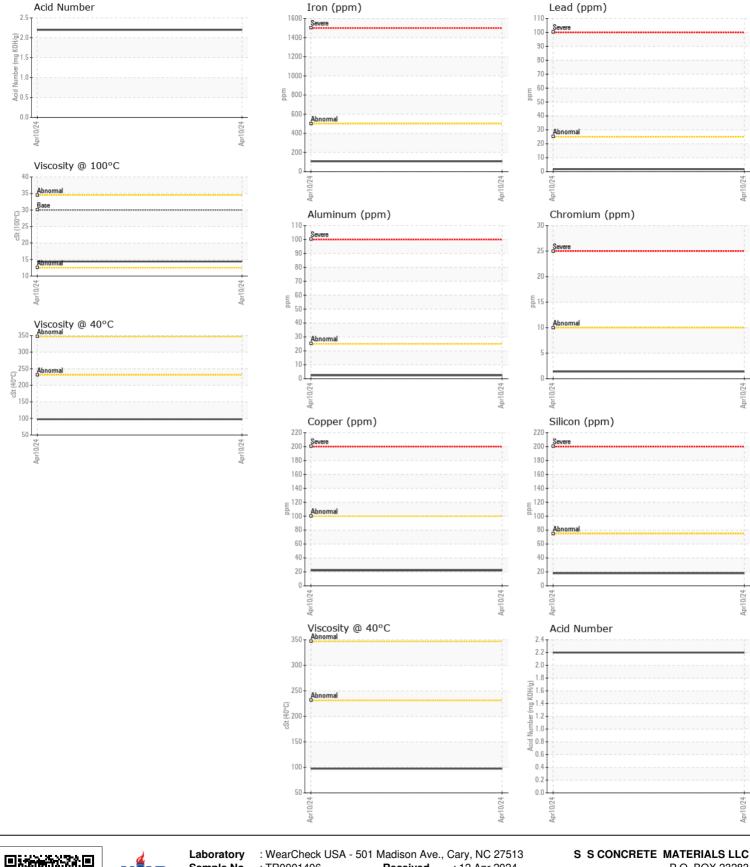


**OIL ANALYSIS REPORT** 

## Machine Id 10TAFLGF3PS822106 **2 Differential** TRC MOLY ULTRA-TEC GEAR OIL 85W140 (10 GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TR0001406		
Sample Date		Client Info		10 Apr 2024		
Machine Age	hrs	Client Info		1733		
	hrs	Client Info		1733		
Filter Age	hrs	Client Info		0		
-				-		
-		Client Info				
Sample Status				NORMAL		
Iron	nom	ASTM D5185m	>500	107		
			210			
			>25			
			210			
			NONE			
	·····	violaa				
Silicon	ppm	ASTM D5185m	>75	18		
Potassium	ppm	ASTM D5185m	>20	3		
Water		WC Method	>.2	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		
Emulsified Water	scalar	*Visual	>.2	NEG		
Sodium	nnm	ASTM D5185m		1/1		
Molybdenum	ppm	ASTM D5185m		<1		
	ppill			~1		
-	nnm	ASTM D5185m		7		
Manganese	ppm ppm	ASTM D5185m		7		
Manganese Magnesium	ppm	ASTM D5185m		1		
Manganese Magnesium Calcium	ppm ppm	ASTM D5185m ASTM D5185m		1 25		
Manganese Magnesium Calcium Phosphorus	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		1 25 1603		
Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		1 25 1603 17		
Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		1 25 1603 17 29056	  	  
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Acid Number (AN)	ppm ppm ppm ppm mg KOH/g	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D8045		1 25 1603 17 29056 2.20	   	    
Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		1 25 1603 17 29056	  	  
-	TestSample NumberSample DateMachine AgeOil AgeFilter AgeOil ChangedFilter ChangedSample StatusIronChromiumNickelTitaniumSilverAluminumLeadCopperTinVanadiumWhite MetalYellow MetalSiliconPotassiumWaterSiltDebrisSand/DirtAppearanceOdorEmulsified WaterSodiumBarium	TestUOMSample NumberSample DateMachine AgehrsOil AgehrsOil AgehrsFilter AgehrsOil ChangedSample StatusFilter ChangedppmSample StatusppmIronppmNickelppmNickelppmSilverppmAluminumppmCopperppmTinppmVanadiumppmWhite MetalscalarYellow MetalscalarSiliconppmVaterscalarSiltscalarDebrisscalarAppearancescalarCodorscalarSodiumppmBariumppmPomscalarSoliumscalarSoliumscalarSoliumscalarSoliumscalar	TestUOMMethodSample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOil AgehrsClient InfoFilter AgehrsClient InfoOil ChangedClient InfoFilter ChangedClient InfoFilter ChangedClient InfoSample StatusClient InfoNickelppmASTM D5185mNickelppmASTM D5185mNickelppmASTM D5185mSilverppmASTM D5185mLeadppmASTM D5185mCopperppmASTM D5185mTinppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVaterWC MethodSiliconppmASTM D5185mPotassiumppmASTM D5185mWaterWC MethodSiltscalar*VisualDebrisscalar*VisualAppearancescalar*VisualAppearancescalar*VisualBoronppmASTM D5185mBoronppmASTM D5185mBariumppmASTM D5185m	Sample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOil AgehrsClient InfoFilter AgehrsClient InfoOil ChangedClient InfoFilter ChangedClient InfoSample StatusSample StatusIronppmASTM D5185mNickelppmASTM D5185mNickelppmASTM D5185mSilverppmASTM D5185mAluminumppmASTM D5185mAluminumppmASTM D5185mAluminumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVellow Metalscalar*VisualSiliconppmASTM D5185mVaterWC Method.2Siltscalar*VisualDebrisscalar*VisualAppearancescalar*VisualAppearancescalar*VisualOdorscalar*VisualNORMLmulsified WaterscalarSodiumppmASTM D5185mBoronppmASTM D5185mBariumppmASTM D5185m	TestUOMMethodLimit/AbnCurrentSample NumberClient Info10 Apr 2024Sample DateClient Info1733Oil AgehrsClient Info1733Oil AgehrsClient Info1733Filter AgehrsClient Info0Oil ChangedClient InfoNot ChangdFilter ChangedClient InfoN/ASample StatusClient InfoN/ASample StatusNORMALIronppmASTM D5185m>500OthromiumppmASTM D5185m>10NickelppmASTM D5185m>10SilverppmASTM D5185m>22LeadppmASTM D5185m>25AluminumppmASTM D5185m>100AluminumppmASTM D5185m>100AluminumppmASTM D5185m>10Yellow Metalscalar*VisualNONEYellow Metalscalar*VisualNONESiliconppmASTM D5185m>203WaterWC Method>.2NEGSiliconppmASTM D5185m>203WaterwisualNONENONEAppearancescalar*VisualNONEAppearancescalar*VisualNORMLAppearancescalar*VisualNORMLAppearancescalar*VisualNORMLAppearancescalar*VisualNORMLAppearance </td <td>TestUOMMethodLimit/AbrCurrentHistory1Sample NumberClient InfoTR0001406Machine AgehrsClient Info10 Apr 2024Machine AgehrsClient Info1733Oil AgehrsClient Info1733Filter AgehrsClient Info0Oil ChangedClient InfoNot ChangdFilter ChangedClient InfoNot ChangdFilter ChangedClient InfoNorRMALSample StatusNORMALIronppmASTM D5185m&gt;500107NickelppmASTM D5185m&gt;102NickelppmASTM D5185m0AluminumppmASTM D5185m222AluminumppmASTM D5185m&gt;252CopperppmASTM D5185m&gt;1016VanadiumppmASTM D5185m&gt;1016VanadiumppmASTM D5185m&gt;203Vellow Metalscalar*VisualNONENONESiliconppmASTM D5185m&gt;203VaterWC Method-2NEGSiliconppmASTM D5185m&gt;203Debrisscalar*VisualNONENONESoliconppmASTM D5185m&gt;23Debrisscalar*</td>	TestUOMMethodLimit/AbrCurrentHistory1Sample NumberClient InfoTR0001406Machine AgehrsClient Info10 Apr 2024Machine AgehrsClient Info1733Oil AgehrsClient Info1733Filter AgehrsClient Info0Oil ChangedClient InfoNot ChangdFilter ChangedClient InfoNot ChangdFilter ChangedClient InfoNorRMALSample StatusNORMALIronppmASTM D5185m>500107NickelppmASTM D5185m>102NickelppmASTM D5185m0AluminumppmASTM D5185m222AluminumppmASTM D5185m>252CopperppmASTM D5185m>1016VanadiumppmASTM D5185m>1016VanadiumppmASTM D5185m>203Vellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>203VaterWC Method-2NEGSiliconppmASTM D5185m>203Debrisscalar*VisualNONENONESoliconppmASTM D5185m>23Debrisscalar*



S S CONCRETE MATERIALS LLC Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received P.O. BOX 23283 : TR0001406 : 12 Apr 2024 Lab Number : 06148140 BULLHEAD CITY, AZ Tested : 15 Apr 2024 : 17 Apr 2024 - Jonathan Hester Unique Number : 10978218 Diagnosed US 86439 Test Package : MOB 2 (Additional Tests: KV100, VI) Contact: SNS INVENTORY Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-827-0711. snsinventory@yahoo.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (928)754-1991