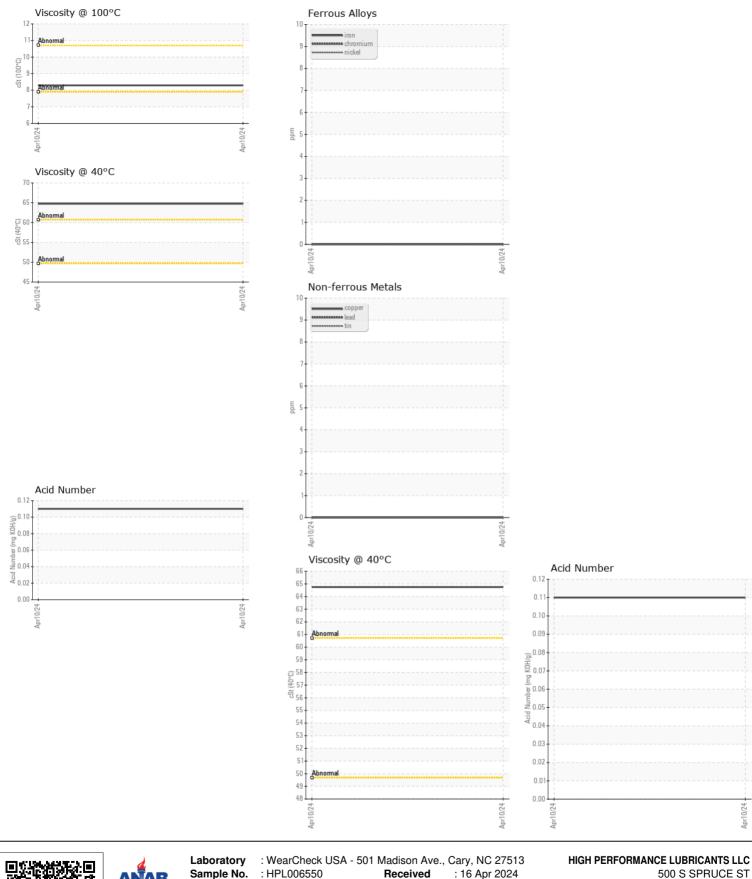


Machine Id 24D0904 RCPL-005

Compone New (Unused) Oil

Air Compressor Oil (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		HPL006550		
Sample Date		Client Info		10 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
-		Client Info		N/A		
-		Client Info		N/A		
Sample Status				NORMAL		
Iron	nnm	4STM D5185m		0		
			NONE			
Silicon	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	12		
Water		WC Method		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		NEG		
Sodium	nom	ASTM D5185m		2		
				-		
Magnesium	ppm	ASTM D5185m		0		
Magnesium		ASTM D5185m		179		
Calcium		AO INI DOTOOIII		113		
Calcium	ppm			42		
Phosphorus	ppm	ASTM D5185m		42 0		
Phosphorus Zinc	ppm ppm	ASTM D5185m ASTM D5185m		0		
Phosphorus Zinc Sulfur	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		0 21291		
Phosphorus Zinc Sulfur Acid Number (AN)	ppm ppm ppm mg KOH/g	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D8045		0 21291 0.11		
Phosphorus Zinc Sulfur	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		0 21291		
	Sample NumberSample DateMachine AgeOil AgeFilter AgeOil ChangedFilter ChangedSample StatusIronKickelTitaniumSilverAluminumLeadCopperTinVanadiumWhite MetalYellow MetalSiliconSiliconSand/DirtAppearanceOdorEmulsified WaterSodiumBariumMolybdenumManganese	Sample NumberSample DateMachine AgehrsOil AgehrsFilter AgehrsOil ChangedFilter ChangedFilter ChangedpmSample StatusppmIronppmNickelppmNickelppmSilverppmAluminumppmCopperppmTinppmVanadiumppmWhite MetalscalarYellow MetalscalarSiliconppmWaterscalarSiltscalarDebrisscalarQodorscalarOdorscalarSodiumppmBariumppmManganeseppmManganeseppm	Sample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOil AgehrsClient InfoFilter AgehrsClient InfoOil ChangedClient InfoFilter ChangedClient InfoSample StatusClient InfoChromiumppmASTM D5185mNickelppmASTM D5185mNickelppmASTM D5185mSilverppmASTM D5185mAluminumppmASTM D5185mCopperppmASTM D5185mTinppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mValorscalar*VisualSiliconppmASTM D5185mPotassiumppmASTM D5185mWaterwC MethodSiltscalar*VisualAppearancescalar*VisualAppearancescalar*VisualAppearancescalar*VisualBoronppmASTM D5185mBariumppmASTM D5185mManganeseppmASTM D5185m	Sample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOil AgehrsClient InfoFilter AgehrsClient InfoOil ChangedClient InfoFilter ChangedClient InfoFilter ChangedClient InfoSample StatusClient InfoIronppmASTM D5185mChromiumppmASTM D5185mNickelppmASTM D5185mNickelppmASTM D5185mSilverppmASTM D5185mLeadppmASTM D5185mCopperppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVaterVC MethodSiliconppmASTM D5185mPotassiumppmASTM D5185mPotassiumppmASTM D5185mSand/Dirtscalar*VisualAppearancescalar*VisualAppearancescalar*VisualAppearancescalar*VisualCoroscalar*VisualNORMppmASTM D5185mBoronppmASTM D5185mBariumppmASTM D5185mBariumppmASTM D5185mBariumppmASTM D5185mManganeseppmASTM D5185m	Sample NumberImachine AgeImachine Age<	Sample NumberClient InfoHPL006550Sample DateClient Info10 Apr 2024Machine AgehrsClient Info0Oil AgehrsClient Info0Filter AgehrsClient InfoN/AOil ChangedClient InfoN/AFilter ChangedClient InfoN/ASample StatusVariationN/AIronppmASTM D5185m0NickelppmASTM D5185m0NickelppmASTM D5185m0NickelppmASTM D5185m0AluminumppmASTM D5185m0AluminumppmASTM D5185m0LeadppmASTM D5185m0VanadiumppmASTM D5185m0VanadiumppmASTM D5185m0VanadiumppmASTM D5185m0Yellow Metalscalar*VisualNONENONESiliconppmASTM D5185m2012SiliconppmASTM D5185m2012SiliconppmASTM D5185m2012Appearancescalar*VisualNONENONESiliconscalar*VisualNOREAppearancescalar*Visua



Sample No. Received 500 S SPRUCE ST : HPL006550 : 16 Apr 2024 Lab Number : 06150839 Tested MANTENO, IL : 19 Apr 2024 Unique Number : 10980917 Diagnosed : 19 Apr 2024 - Jonathan Hester US 60950 Test Package : MOB 2 (Additional Tests: FT-IR, KV100, PrtCount, VI) Contact: DAVID WARD Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. sampledata@hplubricants.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (815)468-3535 F: x: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)