

RPM DIESEL 2555 ST. RD. 84 FORT LAUDERDALE FL Phone: _____ Email: _____ Fax: _____		Machine ID: RISK AND REWARD Machine Year : NA		Component ID: 445231791 Component Make: NORTHERN LIGHTS Component Model: MP445T-HE Component Year: NA Component Type : DIESEL ENGINE Component Location: PORT GENERATOR Sump Capacity: 5 Gallons		 MOTOR CHECK ANALYSIS CLINIC 2000 N FLORIDA MANGO RD SUITE 104 WEST PALM BEACH FL 33409 561-684-7799		
Component Description:				Oil Brand	Oil Type	Oil Changed	Date Analyzed	User Sample ID
				UNKNOWN	UNKNOWN	No	8/27/2026	
Comments				ALL ENGINE WEAR RATES NORMAL. SILICON MOST LIKELY FROM SOURCE OTHER THAN DIRT, POSSIBLY ENGINE SEALANT (GASKET MATERIAL) AND/OR OIL ADDITIVE.				

Sample ID	Date Taken	Hours on Component	Hours on Oil	Oil Weight	Oil Brand	Oil Type	Oil Changed	Date Analyzed	User Sample ID
64879	8/27/2026	6051	100	15W40	UNKNOWN	UNKNOWN	No	8/27/2026	
ALL ENGINE WEAR RATES NORMAL. SILICON MOST LIKELY FROM SOURCE OTHER THAN DIRT, POSSIBLY ENGINE SEALANT (GASKET MATERIAL) AND/OR OIL ADDITIVE.									

Wear Metals(ppm)		Contaminant Metals (ppm)		Multi-Source Metals (ppm)					Additives (ppm)											
Sample ID	Iron	11																		
	Chromium	<2																		
	Aluminum	<2																		
	Copper	4																		
	Lead	<2																		
	Tin	<2																		
	Vanadium	X																		
Sample ID	64879																			

	Contaminants				Physical Properties									
		Fuel	Soot	Water	Glycol	Nitration	TBN	Oxidation	V40C	V100C	VIndex	V40C Limit	V100C Limit	Visc Mode
		-	0.6	<0.1	-	4.6	8.7	6.4	111	14.6	135	92 - 124	12.5 - 16.3	C

ABNORMAL

SEVERE

D = DETECTED

- = NOT DETECTED

X = NOT TESTED / NOT APPLICABLE

NA = NOT AVAILABLE

C = CALCULATED

M = MEASURED

RPM DIESEL 2555 ST. RD. 84 FORT LAUDERDALE FL Phone: _____ Email: _____ Fax: _____		Machine ID: RISK AND REWARD Machine Year : NA		Component ID: 5362002451 Component Make: MTU Component Model: 16V200 M91 Component Year: NA Component Type : DIESEL ENGINE Component Location: PORT MAIN Sump Capacity: 30 Gallons		 MOTOR CHECK ANALYSIS CLINIC 2000 N FLORIDA MANGO RD SUITE 104 WEST PALM BEACH FL 33409 561-684-7799		
Component Description:				Oil Brand	Oil Type	Oil Changed	Date Analyzed	User Sample ID
				UNKNOWN	UNKNOWN	No	8/27/2026	

Sample ID	Date Taken	Hours on Component	Hours on Oil	Oil Weight	Oil Brand	Oil Type	Oil Changed	Date Analyzed	User Sample ID
64881	8/27/2026	2721	100	15W40	UNKNOWN	UNKNOWN	No	8/27/2026	
Comments	ALL ENGINE WEAR RATES NORMAL. SODIUM LEVEL HIGHER THAN TYPICAL, CHECK FOR SOURCE OF COOLANT AND/OR SALT WATER LEAK. POTASSIUM LEVEL HIGHER THAN TYPICAL CHECK FOR SOURCE OF COOLANT LEAK. CHECK FOR SOURCE OF COOLANT LEAK.								

	Wear Metals(ppm)						Contaminant Metals (ppm)		Multi-Source Metals (ppm)					Additives (ppm)						
	Iron	Chromium	Aluminum	Copper	Lead	Tin	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Nickel	Manganese	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
Sample ID	64881							12	<2	<2	33	<2	<2	X	43	X	X	X	X	X

	Contaminants				Physical Properties									
		Fuel	Soot	Water	Glycol	Nitration	TBN	Oxidation	V40C	V100C	VIndex	V40C Limit	V100C Limit	Visc Mode
		-	0.1	<0.1	-	4.5	9.2	2.6	110	14.4	134	92 - 124	12.5 - 16.3	C
	Sample ID													
	64881													

RPM DIESEL 2555 ST. RD. 84 FORT LAUDERDALE FL Phone: _____ Email: _____ Fax: _____		Machine ID: RISK AND REWARD Machine Year : NA	Component ID: 5362002453 Component Make: MTU Component Model: 16V2000 M91 Component Year: NA Component Type : DIESEL ENGINE Component Location: STARBOARD MAIN Sump Capacity: 30 Gallons	M/C MOTOR CHECK ANALYSIS CLINIC 2000 N FLORIDA MANGO RD SUITE 104 WEST PALM BEACH FL 33409 561-684-7799
Component Description:				

Sample ID	Date Taken	Hours on Component	Hours on Oil	Oil Weight	Oil Brand	Oil Type	Oil Changed	Date Analyzed	User Sample ID
64882	8/27/2026	2697	100	15W40	UNKNOWN	UNKNOWN	No	8/27/2026	
Comments	ALL ENGINE WEAR RATES NORMAL. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT.								

	Wear Metals(ppm)							Contaminant Metals (ppm)			Multi-Source Metals (ppm)					Additives (ppm)					
	Iron	Chromium	Aluminum	Copper	Lead	Tin	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Nickel	Manganese	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc	
Sample ID	64882																				

	Contaminants				Physical Properties									
	Fuel	-	0.1	Water	Glycol	Nitration	TBN	Oxidation	V40C	V100C	VIndex	V40C Limit	V100C Limit	Visc Mode

ABNORMAL

SEVERE

D = DETECTED

- = NOT DETECTED

X = NOT TESTED / NOT APPLICABLE

NA = NOT AVAILABLE

C = CALCULATED

M = MEASURED

RPM DIESEL 2555 ST. RD. 84 FORT LAUDERDALE FL Phone: _____ Email: _____ Fax: _____		Machine ID: RISK AND REWARD Machine Year : NA		Component ID: 9A1788 Component Make: TWIN DISC GEAR Component Model: MG6598 Component Year: NA Component Type : GEARBOX Component Location: PORT Sump Capacity: 5 Gallons		 MOTOR CHECK ANALYSIS CLINIC 2000 N FLORIDA MANGO RD SUITE 104 WEST PALM BEACH FL 33409 561-684-7799		
Component Description:				Oil Brand	Oil Type	Oil Changed	Date Analyzed	User Sample ID
				UNKNOWN	UNKNOWN	No	8/27/2026	

Sample ID	Date Taken	Hours on Component	Hours on Oil	Oil Weight	Oil Brand	Oil Type	Oil Changed	Date Analyzed	User Sample ID
64883	8/27/2026	2721	100	SAE 40	UNKNOWN	UNKNOWN	No	8/27/2026	
Comments	GEAR UNIT WEAR RATES NORMAL. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT.								

	Wear Metals(ppm)						Contaminant Metals (ppm)		Multi-Source Metals (ppm)					Additives (ppm)						
	Iron	Chromium	Aluminum	Copper	Lead	Tin	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Nickel	Manganese	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
Sample ID	6	<2	<2	16	<2	<2	X	6	<2	17	X	5	X	X	X	X	X	X	X	X

	Physical Properties				Contaminants			
	Visc Mode	C						
	V100C Limit	12.5 - 16.3						
	V40C Limit	133 - 181						
	VIndex	88						
	V100C	14.4						
	V40C	157						
	Oxidation	<2.0						
	TBN	X						
	Nitration	X						
	Glycol	-						
	Water	0.1						
	Soot	X						
Fuel	X							
Sample ID	64883							

ABNORMAL

SEVERE

D = DETECTED

- = NOT DETECTED

X = NOT TESTED / NOT APPLICABLE

NA = NOT AVAILABLE

C = CALCULATED

M = MEASURED

RPM DIESEL 2555 ST. RD. 84 FORT LAUDERDALE FL Phone: _____ Email: _____ Fax: _____		Machine ID: RISK AND REWARD Machine Year : NA		Component ID: 9A1789 Component Make: TWIN DISC GEAR Component Model: MG-6581-00 Component Year: NA Component Type : GEARBOX Component Location: STARBOARD Sump Capacity: 5 Gallons		 MOTOR CHECK ANALYSIS CLINIC 2000 N FLORIDA MANGO RD SUITE 104 WEST PALM BEACH FL 33409 561-684-7799		
Component Description:				Oil Brand	Oil Type	Oil Changed	Date Analyzed	User Sample ID
				UNKNOWN	UNKNOWN	No	8/27/2026	

Sample ID	Date Taken	Hours on Component	Hours on Oil	Oil Weight	Oil Brand	Oil Type	Oil Changed	Date Analyzed	User Sample ID
64884	8/27/2026	2697	100	SAE 40	UNKNOWN	UNKNOWN	No	8/27/2026	
Comments	GEAR UNIT WEAR RATES NORMAL. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT.								

	Wear Metals(ppm)							Contaminant Metals (ppm)			Multi-Source Metals (ppm)					Additives (ppm)				
	Iron	Chromium	Aluminum	Copper	Lead	Tin	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Nickel	Manganese	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
Sample ID	64884	<2	<2	14	<2	<2	X	6	<2	24	X	<2	X	X	X	X	X	X	X	X

Physical Properties	Visc Mode	C
	V100C Limit	12.5 - 16.3
	V40C Limit	133 - 181
	VIndex	88
	V100C	14.4
	V40C	157
	Oxidation	<2.0
	TBN	X
	Nitration	X
Contaminants	Glycol	-
	Water	0.1
	Soot	X
	Fuel	X
	Sample ID	64884

ABNORMAL

D = DETECTED

- = NOT DETECTED

X = NOT TESTED / NOT APPLICABLE

NA = NOT AVAILABLE

C = CALCULATED

M = MEASURED