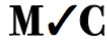


MARINE DIESEL AND ENGINEERING Phone: Email: Fax: - - -	Machine ID: ELYSIAN Machine Year : NA	Component ID: 0642500183 Component Make: NORTHERN LIGHTS Component Model: M1064T2 Component Year: NA Component Type : DIESEL ENGINE Component Location: PORT GENERATOR Sump Capacity: 5 Gallons	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD 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
31809	6/1/2026	13226	150	15W40	UNKNOWN	UNKNOWN	No	6/1/2026	
Comments	ALL ENGINE WEAR RATES NORMAL. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT.								

Sample ID	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
31809	7	11	>2	>2	>2	>2	X	4	>2	>2	X	3	X	X	X	X	X	X	X	X

Sample ID	Contaminants				Physical Properties								
	Fuel	Soot	Water	Glycol	Nitration	TBN	Oxidation	V40C	V100C	Vindex	V40C Limit	V100C Limit	Visc Mode
31809	-	0.1	>0.1	-	>2.0	8.5	2.5	109	14.4	135	92 - 124	12.5 - 16.3	C

ABNORMAL

SEVERE

D = DETECTED

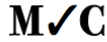
-- = NOT DETECTED

X = NOT TESTED / NOT APPLICABLE

NA = NOT AVAILABLE

C = CALCULATED

M = MEASURED

MARINE DIESEL AND ENGINEERING Phone: Email: Fax: - - -	Machine ID: ELYSIAN Machine Year : NA	Component ID: 0642500173 Component Make: NORTHERN LIGHTS Component Model: M1064T2 Component Year: NA Component Type : DIESEL ENGINE Component Location: STARBOARD GENERATOR Sump Capacity: 5 Gallons	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD 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
31810	6/1/2026	13217	150	15W40	UNKNOWN	UNKNOWN	No	6/1/2026	
Comments	ALL ENGINE WEAR RATES NORMAL. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT.								

Sample ID	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
31810	9	6	>2	>2	>2	>2	X	5	>2	>2	X	6	X	X	X	X	X	X	X	X

Sample ID	Contaminants				Physical Properties								
	Fuel	Soot	Water	Glycol	Nitration	TBN	Oxidation	V40C	V100C	Vindex	V40C Limit	V100C Limit	Visc Mode
31810	-	0.1	>0.1	-	>2.0	8.4	2.5	109	14.4	135	92 - 124	12.5 - 16.3	C

ABNORMAL

SEVERE

D = DETECTED

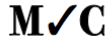
-- = NOT DETECTED

X = NOT TESTED / NOT APPLICABLE

NA = NOT AVAILABLE

C = CALCULATED

M = MEASURED

MARINE DIESEL AND ENGINEERING Phone: Email: Fax: - - -	Machine ID: ELYSIAN Machine Year : NA	Component ID: 5262001446 Component Make: MTU Component Model: 12V4000 Component Year: NA Component Type : DIESEL ENGINE Component Location: PORT MAIN Sump Capacity: 40 Gallons	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD 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
31811	6/1/2026	9141	150	15W40	UNKNOWN	UNKNOWN	No	6/1/2026	
Comments	ALL ENGINE WEAR RATES NORMAL. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT.								

Sample ID	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
31811	10	18	>2	>2	>2	>2	X	4	>2	>2	X	2	X	X	X	X	X	X	X	X

Sample ID	Contaminants				Physical Properties								
	Fuel	Soot	Water	Glycol	Nitration	TBN	Oxidation	V40C	V100C	Vindex	V40C Limit	V100C Limit	Visc Mode
31811	-	0.1	>0.1	-	>2.0	8.5	2.5	109	14.4	135	92 - 124	12.5 - 16.3	C

ABNORMAL

SEVERE

D = DETECTED


-- = NOT DETECTED

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NA = NOT AVAILABLE

C = CALCULATED

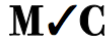
M = MEASURED

MARINE DIESEL AND ENGINEERING Phone: Email: Fax: - - -	Machine ID: ELYSIAN Machine Year : NA	Component ID: 52620014472 Component Make: MTU Component Model: 12V4000 Component Year: NA Component Type : DIESEL ENGINE Component Location: STARBOARD MAIN Sump Capacity: 40 Gallons	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD 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
31812	6/1/2026	9141	150	15W40	UNKNOWN	UNKNOWN	No	6/1/2026	
Comments	ALL ENGINE WEAR RATES NORMAL. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT.								

Sample ID	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
31812	7	6	>2	>2	>2	>2	X	4	>2	>2	X	>2	X	X	X	X	X	X	X	X


Sample ID	Contaminants					Physical Properties							
	Fuel	Soot	Water	Glycol	Nitration	TBN	Oxidation	V40C	V100C	Vindex	V40C Limit	V100C Limit	Visc Mode
31812	-	0.1	>0.1	-	>2.0	8.5	2.5	109	14.4	135	92 - 124	12.5 - 16.3	C

MARINE DIESEL AND ENGINEERING Phone: Email: Fax: - - -	Machine ID: ELYSIAN Machine Year : NA	Component ID: 9A18101 Component Make: TWIN DISC Component Model: MG-6984 Component Year: NA Component Type : GEARBOX Component Location: PORT Sump Capacity: 8 Gallons	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD 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
31813	6/1/2026	9141	150	SAE 40	UNKNOWN	UNKNOWN	No	6/1/2026	
Comments	GEAR UNIT WEAR RATES NORMAL. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT.								

Sample ID	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
31813	<2	7	<2	<2	<2	<2	X	3	<2	<2	X	<2	X	X	X	X	X	X	X	X

Sample ID	Contaminants				Physical Properties								
	Fuel	Soot	Water	Glycol	Nitration	TBN	Oxidation	V40C	V100C	Vindex	V40C Limit	V100C Limit	Visc Mode
31813	X	X	>0.1	X	X	X	2.7	158	14.4	87	133 - 181	12.5 - 16.3	C

MARINE DIESEL AND ENGINEERING Phone: Email: Fax: - - -	Machine ID: ELYSIAN Machine Year : NA	Component ID: 9A18092 Component Make: TWIN DISC Component Model: MG6984 Component Year: NA Component Type : GEARBOX Component Location: STARBOARD Sump Capacity: 8 Gallons	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD 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
31814	6/1/2026	9141	150	SAE 40	UNKNOWN	UNKNOWN	No	6/1/2026	
Comments	GEAR UNIT WEAR RATES NORMAL. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT.								

Sample ID	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
31814	>2	>2	>2	>2	>2	>2	X	3	>2	>2	X	13	X	X	X	X	X	X	X	X

Sample ID	Contaminants				Physical Properties								
	Fuel	Soot	Water	Glycol	Nitration	TBN	Oxidation	V40C	V100C	Vindex	V40C Limit	V100C Limit	Visc Mode
31814	X	X	>0.1	X	X	X	2.7	158	14.4	87	133 - 181	12.5 - 16.3	C

ABNORMAL

SEVERE

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M = MEASURED