

MARINE DIESEL SPECIALIST Phone: Email: Fax: - - -	Machine ID: LIVE MAS Machine Year : NA	Component ID: SGM32CHXR Component Make: KOHLER Component Model: 32 EOZD Component Year: NA Component Type : DIESEL ENGINE Component Location: PORT GENERATOR Sump Capacity: 10 Litres	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD UNIT 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
7793	2/20/2026	2655	65	15W40	UNKNOWN	UNKNOWN	No	2/20/2026	
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
7793	<2	<2	<2	<2	<2	<2	X	5	<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
7793	-	0.2	>0.1	-	>2.0	10.5	>2.0	108	14.4	136	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 SPECIALIST Phone: Email: Fax: - - -	Machine ID: LIVE MAS Machine Year : NA	Component ID: SGM32CHXP Component Make: KOHLER Component Model: 32 EOZD Component Year: NA Component Type : DIESEL ENGINE Component Location: STARBOARD GENERATOR Sump Capacity: 10 Litres	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD UNIT 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
7794	2/20/2026	2633	50	15W40	UNKNOWN	UNKNOWN	No	2/20/2026	
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
7794	<2	<2	<2	<2	<2	4	X	5	<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
7794	-	0.2	>0.1	-	>2.0	11.0	>2.0	108	14.4	136	92 - 124	12.5 - 16.3	C

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MARINE DIESEL SPECIALIST Phone: Email: Fax: - - -	Machine ID: LIVE MAS Machine Year : NA	Component ID: 544100251 Component Make: MTU Component Model: 12V2000 M96L Component Year: NA Component Type : DIESEL ENGINE Component Location: PORT MAIN Sump Capacity: 80 Litres	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD UNIT 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
7795	2/20/2026	2286	30	15W40	UNKNOWN	UNKNOWN	No	2/20/2026	
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
7795	<2	<2	<2	<2	<2	<2	X	5	<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
7795	-	0.2	>0.1	-	>2.0	11.1	>2.0	108	14.4	136	92 - 124	12.5 - 16.3	C

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MARINE DIESEL SPECIALIST Phone: Email: Fax: - - -	Machine ID: LIVE MAS Machine Year : NA	Component ID: 544100250 Component Make: MTU Component Model: 12V2000 M96L Component Year: NA Component Type : DIESEL ENGINE Component Location: STARBOARD MAIN Sump Capacity: 80 Litres	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD UNIT 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
7796	2/20/2026	2291	30	15W40	UNKNOWN	UNKNOWN	No	2/20/2026	
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
7796	<2	<2	<2	<2	<2	3	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
7796	-	0.2	>0.1	-	>2.0	11.3	>2.0	108	14.4	136	92 - 124	12.5 - 16.3	C

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MARINE DIESEL SPECIALIST Phone: Email: Fax: - - -	Machine ID: LIVE MAS Machine Year : NA	Component ID: 50037493 Component Make: ZF Component Model: 2075-A Component Year: NA Component Type : GEARBOX Component Location: PORT Sump Capacity: 21 Litres	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD UNIT 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
7797	2/20/2026	2286	340	SAE 40	UNKNOWN	UNKNOWN	No	2/20/2026	
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
7797	<2	<2	<2	20	<2	<2	X	5	<2	<2	X	25	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
7797	X	X	>0.1	X	X	X	>2.0	158	14.4	88	133 - 181	12.5 - 16.3	C

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M = MEASURED

MARINE DIESEL SPECIALIST Phone: Email: Fax: - - -	Machine ID: LIVE MAS Machine Year : NA	Component ID: 50037494 Component Make: ZF Component Model: 2075-A Component Year: NA Component Type : GEARBOX Component Location: STARBOARD Sump Capacity: 21 Litres	 MOTORCHECK LAB 2000 N FLORIDA MANGO RD UNIT 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
7798	2/20/2026	2291	340	SAE 40	UNKNOWN	UNKNOWN	No	2/20/2026	
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
7798	<2	3	>2	17	<2	>2	X	5	<2	>2	X	8	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
7798	X	X	>0.1	X	X	X	>2.0	157	14.4	88	133 - 181	12.5 - 16.3	C