

# UNITED MX 2T OUTBOARD

## Product Description

Mineral 2T OUTBOARD formulated to meet the requirement of National Marine Manufacturer's Association (NMMA) TC-W3 specification. It contains premium quality lubricating base stocks plus ashless additives and increased detergency to give the best quality protection in all types of high performance two-cycle engines calling for TC-W3 oils. This oil also exceeds the performance requirements of the API service classification TC two-cycle engine which is commonly recommended for air-cooled two-cycle engine oils.

It mixes easily with gasoline and flows through injectors even at very low temperature. This product is recommended for use in all outboard marine engines including Evinrude, Johnson, Mercury, Suzuki and Yamaha.

## Applications / Benefits

- \* Maximum additive treatment, including increased detergency over TC-W2
- \* Protects engine against failures due to scuffing, ring sticking, port deposits, bearing failures and plug fouling
- \* Highly refined mineral oil help maintain engine performance
- \* Mixes easily with fuel for premix applications

## Typical Characteristics

Test Description	Method	Unit	
SAE Viscosity Grade	SAE J 300	-	<b>TCW III</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.871
Flash Point	ASTM D 92	°C	135
Pour Point	ASTM D 97	°C	-30
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	46.56
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	7.559
Viscosity Index	ASTM D 2270	-	128

## Specifications & Approvals

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\* NMMA                      TC-W3

## Recommended Concentrations

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Mixing Ratio (Fuel: oil)	Fuel Volume (litres)			
	1L	5L	10L	20L
20:1	50 mL	250mL	500mL	1.0L
25:1	40mL	200mL	400mL	800mL
32:1	31.25mL	156.25mL	312.50mL	625mL
40:1	25mL	125mL	250mL	500mL
50:1	20mL	100mL	200mL	400mL
100:1	10mL	50mL	100mL	200mL

Reference No.  
5376G2TCWREV1

Last revised date:  
28/7/2023