



## Technical data sheet

# RACER 20W-40

## 2T-TC-W2

**PERFORMANCE LEVELS: Meets and Exceeds**

JASO-FB, NMMA TC-W2, API-TC

Black bulls out board 2T Racer is an ash less, self-mixing 2-stroke engine lubricant, specially formulated for the use in water cooled two stroke marine outboard engines. Black bulls out board 2T is decreasing oil/fuel ratios, increasing power output and the adoption of unleaded petrol has resulted in a requirement for improved lubricant performance for outboard engines. Black bulls outboard 2T Racer is formulated with advance performance additive technology and suitable base stock.

### Typical Properties:

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUES
<b>SAE VISCOSITY GRADE</b>	<b>NA</b>		<b>2T-TC-W2 20W-40</b>
Kinematic Viscosity @40°C	cSt	ASTM D-445	123
Kinematic Viscosity @100°C	cSt	ASTM D-445	14.5
Viscosity Index	NA	ASTM D-2270	120
Sp. Gravity @ 15 °C/ 60°F	g/cm <sup>3</sup>	ASTM D-4052	0.8700
Flash Point (Min)	°C	ASTM D-92	220
Pour Point (Max)	°C	ASTM D-97	-27

### Application:

Black bulls out board 2T Racer is recommended for all water-cooled outboard engines. Black bulls out board 2T Racer may be used fuel to oil ratios up to 100:1 (as specified by engine manufacturer).

### Advantages:

- Exceeds major outboard manufacturer's warranty requirements.
- Minimizes piston ring sticking and helps to reduce exhaust port blocking.
- Excellent lubricity for use in high-output outboard engines.
- Excellent rust and corrosion protection.
- Mixes easily with gasoline at low temperatures for premix applications.
- Suitable for either direct oil injection or premix engines.
- Formulated to provided protection equivalent to many OEM-branded 2-cycle oils.
- Ashless detergent/dispersant formulation helps minimize engine deposits and pre-ignition.
- Protects against piston and cylinder scuffing.
- Reduces spark plug fouling.
- Keeps engine parts clean.
- Dyed for easy visibility when mixed with gasoline.

