

## HIGHTEC POWER BOAT 2-T BIO

High-performance engine oil developed specifically to address the needs of outboard 2-stroke engines with good biodegradability. It meets the requirements of the NMMA TC-W3 specification.

### Description

HIGHTEC POWER BOAT 2-T BIO is a 2-stroke, high-performance engine oil produced using synthetic esters and base oils with good biodegradability. It contains a low-ash additive composition and combusts, leaving almost no residues behind. This prevents spark plug fouling and deposits in critical areas such as piston rings and outlet ports, and thus ensures a long service life of the engine.

### Application

HIGHTEC POWER BOAT 2-T BIO has been developed specifically to meet the requirements of the TC-W 3 (Two-Cycle Water-cooled) specification from NMMA (National Marine Manufacturers Association). Not only does it provide outstanding protection against corrosion and wear, but it also ensures excellent cleanliness of all critical engine parts. In addition, its additive composition with a low ash content ensures safe operation.

### Equivalent quality in accordance with EU-law as per

- NMMA TD (TSC-4)/TC-W3/TC/TC-Plus

### Advantages

- Outstanding protection against wear and corrosion
- Virtually residue-free combustion
- Reduced deposits on piston rings, outlet ports and spark plugs
- Multi-functional application possibilities
- Suitable for air-cooled and water-cooled 2-stroke engines
- Suitable for both separate and mixed lubrication



## Mixing table

mixing ratio	2-stroke oil	fuel
1:50	20 ml	1 l
1:33	30 ml	1 l
1:25	40 ml	1 l
1:20	50 ml	1 l
1:50	100 ml	5 l
1:33	150 ml	5 l
1:25	200 ml	5 l
1:20	250 ml	5 l

## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.928
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	12,6
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	77,5
Viscosity index	ASTM D2270	-	165
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	266
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-35
Total base number	DIN 51639-1	mgKOH/g	4,2
Color		visual	amber
Biodegradability	OECD 301 B	%	>60

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply ([www.rowe-oil.com](http://www.rowe-oil.com)).

