

## HIGHTEC SYNTH RACE KART 2-T

HIGHTEC SYNTH RACE KART 2-T is a fully synthetic 2-stroke engine oil for racing use.

### Description

HIGHTEC SYNTH RACE KART 2-T is a premium 2-stroke engine oil specially developed for racing use. MULTI-ESTER TECHNOLOGY is combined with the highest quality additives to form the perfect base for racing engine oils. In developing this product, enormous value was placed on protecting highly stressed racing engines whilst at the same time achieving maximum power output.

### Application

HIGHTEC SYNTH RACE KART 2-T can be used in all high load air and water-cooled 2-stroke race engines. It is equally suitable for pre-mix and injection lubrication. In the case of pre-mix lubrication, the mix ratio must be observed in accordance with the engine manufacturer's specifications.

### Approvals

- FIA - Commission Internationale de Karting (CIK)

**This product is also recommended when the following filling instructions are required**

- API TC
- ISO-L-EGD
- JASO FC/FD

### Advantages

- unique MULTI-ESTER TECHNOLOGY guarantees maximum engine protection under the toughest race conditions
- special racing engine oil for high-revving 2-stroke race engines
- excellent adhesion to all lubricated engine parts
- outstanding component and wear protection
- minimises friction and power loss
- the very latest additive technology for unique standards of engine cleanliness and reduced deposits
- extremely stable oil film even under the toughest race conditions

### Notes

- The product is not self-mixing.



## Mixing table

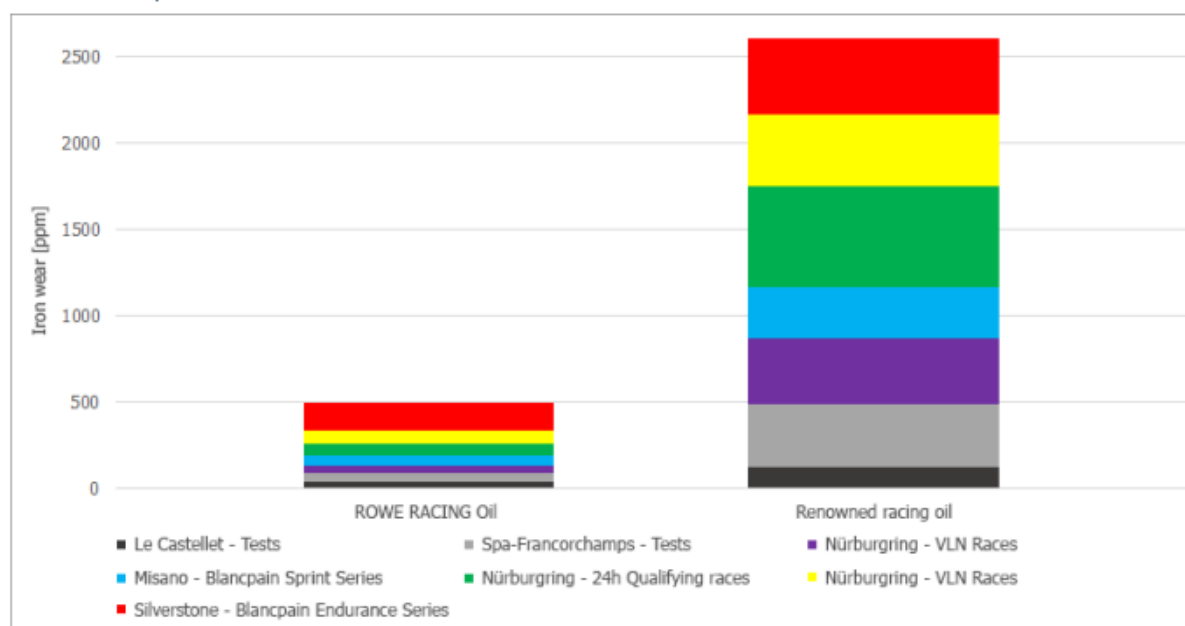
mixing ratio	2-stroke oil	fuel
1:50	20 ml	1 l
1:33	30 ml	1 l
1:25	40 ml	1 l
1:20	50 ml	1 l
1:50	100 ml	5 l
1:33	150 ml	5 l
1:25	200 ml	5 l
1:20	250 ml	5 l

## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.899
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	11,5
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	76
Viscosity index	ASTM D2270	-	142
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 200
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-33

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)).

## Iron wear comparison



The diagram (above) shows the iron wear accumulated over several races/test drives. The iron already shows more wear with the renowned racing oil after the third run (right) than it does with the ROWE RACING oil (left) after all 7 races / test drives together.

