

## HIGHTEC HIGH PERFORMANCE GEAR OIL SAE 90

Special gearbox oil for boat drives.

### Description

HIGHTEC HIGH PERFORMANCE GEAR OIL SAE 90 is a universal, high-performance gearbox oil based on highly refined base oils with an additive combination specially designed to meet the needs of outboards and boat drives. It exhibits a high thermal load-bearing capacity and provides a stable lubricating film, even under continuous stress.

### Application

HIGHTEC HIGH PERFORMANCE GEAR OIL SAE 90 can be used in all sterndrives such as Mercruiser, Alpha One, Bravo One, Bravo Three, NXT Druy Sump, OMC Cobra, King Cobra, SX, and Volvo Penta. Furthermore, it is highly recommended for outboards such as Mercury, Mariner, Yamaha, Suzuki, Tohatsu, Honda and Force, etc. The product complies with the latest state-of-the-art development of gearbox oils and has been tested on compressor-charged engines with power outputs exceeding 660 kW (900PS) in the NXT and Bravo One XR Mercruiser drives.

### Advantages

- No deficient lubrication on account of the oil being too thick or too thin
- Stable to shear stress and with a good viscosity index (VI index)
- High oxidation stability
- High level of protection against wear and corrosion
- The gears run quietly by direct comparison with conventional gearbox oils, even at high oil temperatures (this is due to the good lubricating film structure)
- Good lubricating properties, even at low temperatures (see below P.P.)
- Used for nearly all applications

### Notes

- Owing to possible incompatibilities and/or different chemical-physical characteristics, please do not mix the gearbox oils with each other. We strongly recommend that you completely empty the gearbox prior to refilling it with this product. You should perform a general oil change under 'normal' gear unit loads after 1 year at the latest, but at least prior to winter. In the case of salt water exposure or during multiplex high-load operations of the unit, this 1-year rule should be significantly reduced in order to anticipate equipment failure.
- Waste code: 130205



## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.893
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	14,0
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	135,6
Viscosity index	ASTM D2270	-	100
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	200
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-16
Color		visual	blaugrün /blue-green

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)).

