

# CHAMPION OUTBOARD 80W90

Is an extreme-pressure lubricant for gear boxes, specially formulated to satisfy the highest service conditions of gears used in inboard and outboard marine applications. Its high oxidation stability minimises sludge and deposit formation facilitating longer component life and protects equipment against rust and corrosion under marine environment. It protects gear components in applications where there is high torque at low speeds and where extreme pressures and shock loading are encountered.

## APPLICATIONS

This oil is recommended for inboard and outboard gear cases from major global manufacturers including Evinrude, Johnson, Mariner, Suzuki, Honda, Yamaha, Tohatsu, Nissan, requiring API GL 5 quality oils. May not be suitable for some models which call for special fluid [particularly jet units]. Please check user's manual prior to selection of lubricant.

## FEATURES

Frictional properties: easy gear shifting  
Anti-wear protection: long transmission life

## SPECIFICATIONS

API GL-5 MIL L-2105 D

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.896
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	147
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	14.7
Viscosity index	ASTM D2270		99
Pour point	ASTM D6892	°C	-33
Brookfield viscosity at -26 C	ASTM D2983	mPa.s	120000
Flash Point COC	ASTM D92	°C	215

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

### CHAMPION CHEMICALS NV

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