

## 1. PRODUCT INFORMATION

➤ **Product Detail:**

Trade Name: **GIBSON OUTBOARD TCW II**

➤ **Manufacturer / Supplier:**

**GIBSON OIL SDN. BHD.**

**No. 15, Jalan Bukit 24, Bandar Seri Alam, 81750 Masai, Johor.**

## 2. APPLICATIONS

Recommended for use in all water-cooled, two-stroke, marine outboard engines (both pre-mix and direct oil injection) operating in all service conditions and other two-stroke engines where TCW II oils are specified.

## 3. TYPICAL CHARACTERISTICS

➤ **Product Typical:**

No.	Test Item	Test Methods	Test Result	Unit
1	Viscosity, Kinematic, @40°C	ASTM D445	54.5	mm <sup>2</sup> /s
2	Viscosity, Kinematic, @100°C	ASTM D445	6.5~9.3	mm <sup>2</sup> /s
3	Viscosity Index	ASTM D2270	90	-
4	Total Base Number, KOH	SH/T 0251	-	mg/g
5	Flash Point	ASTM D92	210	°C
6	Pour Point	ASTM D55950	-10	°C
7	Density, @15°C	ASTM D4052	0.854	kg/L
8	Sediment	-	0.1	-
9	Sulfate	-	0.25	-

\*The above data represents the typical laboratory value of the product, and the specific parameters are subject to the actual test.