



Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Shield X TIDE 2TW is top quality self-mixing oil designed with highly refined base stocks and unique ash less

additive system for the superior protection of all water-cooled two-stroke gasoline outboard engines. Also

applicable for use in Direct Fuel Injection (DFI) capable two-stroke recreational oils.

Performance Specifications / Standards

NMMA Recertified TC-W3

Company Identification:

Liquitech USA

www.liquitechsys.com

APPLICATIONS

Specifically intended for the lubrication of most-modern, high-powered, water-cooled, two-stroke cycle gasoline engines used in marine outboard services, using fuel to oil ratios of 50:1, or higher, are now recommended, particularly for high-output engines.

Performance Features & Benefits

- ☒ Superior protection against piston and cylinder scuffing.
- ☒ Outstanding filterability.
- ☒ Exceptionally high resistance to heat generation and frictional power losses.
- ☒ Highly effective control over wear, rust, corrosion and ring sticking to ensure long life of moving parts.
- ☒ Trouble free ignition and protects blocking of the exhaust ports and plugs.
- ☒ Right level of detergency to keep the engine clean.
- ☒ Self-mixing capacity ensures immediate formation of a homogenous blend at all temperatures.

Typical Physical Characteristics

Density @ 15C, kg/cu.m	0.870
Kinematic Viscosity @ 40C, cSt	38.13
Kinematic Viscosity @ 100 C, cSt	6.4 120
Viscosity Index	110
Flash Point, COC,C	-35
Pour Point, C	8.81
TBN, mgm KOH/gm	<0.001
Sulphated Ash, % wt	Pass
Detergency test	