SPINTA 2T TC-W3

Product Code: SP-MR-2TTC

2-Stroke Outboard Engine Lubricant

PRODUCT DESCRIPTION

SPINTA 2T TC-W3 is an ashless lubricant for water-cooled 2-stroke outboard engines. It is formulated to provide reliable lubrication and protection at the gasoline-oil mixing ratios specified by the engine manufacturer and can be used both in separate oil-injection systems and in manually prepared premix applications.

APPLICATIONS & BENEFITS

Mixing Properties Good self-mixing characteristics support rapid formation of a homogeneous gasoline-oil mixture across normal operating temperatures.

Engine Protection Provides lubrication and protection of moving components even at the low oil concentrations specified by the engine manufacturer.

Low-Smoke Performance Ashless formulation helps limit combustion-chamber deposits and reduce exhaust smoke.

KEY PERFORMANCE BENEFITS

Marine 2-Stroke Application Developed specifically for water-cooled 2-stroke outboard engines.

Oil-Injection Compatibility Suitable for separate lubrication systems where NMMA TC-W3 performance is required.

Premix Compatibility Suitable for manual gasoline-oil premix preparation at manufacturer-specified mixing ratios.

SPECIFICATIONS & PERFORMANCE LEVELS

Meets or exceeds the following specifications and performance levels; approvals are identified where applicable:

- Approval: NMMA TC-W3

Recommendation: Always refer to the outboard engine manufacturer's operating and maintenance manual to confirm the required NMMA performance level, mixing ratio and lubrication system before use.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Property	Test Method	2T TC-W3
Density @ 15°C, kg/dm³	ASTM D 4052	0.865
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	35.0
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	6.0
Viscosity Index	ASTM D 2270	130
Flash Point, °C	ASTM D 92	225
Pour Point, °C	ASTM D 97	-27

Note: The values shown above are typical for normal production and may vary within normal manufacturing tolerances. They do not constitute a product specification or contractual limit.

STORAGE, HEALTH & ENVIRONMENT

STORAGE

Store under cover whenever possible. If outdoor storage cannot be avoided, containers should be protected from rain and water infiltration. Avoid temperatures above 60°C, direct sunlight and freezing conditions.

HEALTH & SAFETY

When properly used and handled in accordance with standard personal hygiene practices, the product is not expected to present adverse health effects under normal conditions of use. Refer to the corresponding SPINTA Safety Data Sheet (SDS) for detailed precautions and first-aid information.

ENVIRONMENT

Do not discharge new or used product into drains, sewage systems, soil or watercourses. Used product must be collected and delivered to an authorized collection or disposal facility in accordance with applicable regulations.

ADDITIONAL INFORMATION

Safety Data Sheet (SDS): The corresponding SPINTA Safety Data Sheet is available separately and should be consulted before handling or using the product.

Technical Service: SPINTA ITALIA S.r.l. | Viale C. Battisti 15, 27100 Pavia (PV) - Italy | info@spinta-lub.it | www.spinta-lub.it