Ubuntu Outboard TC-W3

Water-cooled two-stroke engine oil

UB-TDS-014 | Revision 0.1 | 16 October 2026

Applications

Outboard engines with oil injection or premix lubrication where TC-W3 performance is required.

Performance features

Deposit control; fuel miscibility; protection against ring sticking.

Reference performance specifications

NMMA TC-W3

Reference designations require verification for the Ubuntu formulation. Ubuntu certification, licensing and OEM approval have not been established.

Reference typical characteristics

Characteristic	Unit / method	Typical value
Fluidity/Miscibility Characteristic		3
Kinematic Viscosity @ 40C	cSt	42.3
Kinematic Viscosity @ 100C	cSt	6.9
Viscosity Index		113
Pour Point	C	-33
Flash Point (PMCC)	C	65
Sulphated Ash	% mass	<0.01
Density @ 20C	kg/l	0.876

Application notes

Use the engine manufacturer's premix ratio. The reference range extends to 100:1 only where the engine permits.

DRAFT: Technical values have not been verified for the Ubuntu formulation. Confirm product identity, batch data, specifications and the applicable safety data sheet before release or use. Typical values are not manufacturing limits.