

TWO-STROKE OIL CLASSIFICATIONS

API and NMMA classify two-stroke-cycle oils according to engine performance. Attempts are being made to integrate the two systems, and both classifications are combined in the table below:

API		
Present	Former	
TA (Obsolete)	TSC-1	-
TA (Obsolete)	TSC-2	-
TA	TSC-3	-
TA (Obsolete)	TSC-4	NMMA (BIA) TC-W
		NMMA TC-WII
		NMMA TC-W3TM

See SAE J2116 for full description.

Two-stroke cycle oils generally are applied to engine types as follows:

Designation	Likely Service Applications
TA	Mopeds and other extremely small Engines (typically <50 CC)
TB (Obsolete)	Motorscooters and other highly loaded Small engines (typically 50 to 200 CC)
TC	Various high-performance engines-not Outboards (typically 20 to 500 CC)
TC-W, TC-WII, TC-W3	Outboard engines