



2-CYCLE +

Irving **2-CYCLE +** is a premium lubricant for water-cooled outboard 2-stroke gasoline engines. It uses highly refined base oil for its low carbon-forming tendency, along with ashless performance additives and a solvent to improve mix ability with gasoline.

Features

- Certified to highest NMMA®* performance standard TC-W3®
- Ashless formulation
- Suitable for premix and oil injection systems
- Specially formulated for outboards and other liquid cooled 2-stroke engines

Benefits

- Superior deposit control
- Extends spark plug life
- Excellent rust and corrosion protection
- Pre-mixes easily, even in winter temperatures

*NMMA : National Marine Manufacturers Association

Irving **2-CYCLE +** is suitable for both pre-mix and modern oil injection systems. It has a distinctive blue colour to provide positive confirmation that the oil has been pre-mixed into the gasoline. The ashless formulation provides for clean pistons and cylinders while minimizing deposits that can cause ring-sticking, port-plugging and pre-ignition, extending the life of the spark plugs. It also effectively prevents rust and corrosion, which is very important in the humid environment of outboard engines.

2-CYCLE + is recommended wherever the manufacturer recommends an NMMA® approved lubricant, meeting the current performance standard for such oils, TC-W3®. Tests by engine manufacturers have shown that this oil, when compared to oils of the previous TC-WII category, will **DOUBLE** the life of the powerhead.

2-CYCLE + is also recommended for use in snowmobile engines, whether liquid- or air-cooled, where the manufacturer recommends an NMMA®-approved or TC-W type lubricant.

For heavy-duty, air-cooled, 2-stroke gasoline engines, we recommend using Irving **TRAX**.



Typical Performance Results

PRODUCT	2-Cycle +
VISCOSITY (D-445)	
Cst @ 40°C	29.5
Cst @ 100°C (with solvent)	6.3
VISCOSITY INDEX (D-2270)	174
POUR POINT (D-97) (°C)	< -45
FLASH POINT (D-92) (°C)	120
SULPHATED ASH (D-874) (% wt)	0.0
SOLVENT (%)	35
TOTAL BASE NUMBER	8.0

Available Package Sizes

	473 ml. (1 US pint)	946 ml. (1 US qt)	3.78 L (1 US Gal)	210 L (55.5 US Gal)	Vrac
2-CYCLE +	X	X	X	X	X

Check with sales representative or website for the latest product approvals.

