



PRODUCT DATA SHEET



BEL-RAY[®] H1-R RACING 100% SYNTHETIC ESTER 2T ENGINE OIL

Bel-Ray H1-R Racing 100% Synthetic Ester 2T Engine Oil is the ultimate 2-stroke racing engine oil formulated for all power valve 2-stroke engines. Advanced 100% synthetic ester base oils cling to metal, preventing wear in all 2-stroke applications. Clean burning to prevent carbon build-up in combustion chambers and power valve mechanisms. **Bel-Ray H1-R Racing 100% Synthetic Ester 2T Engine Oil** keeps engines clean and responsive even under the most severe racing conditions.

Bel-Ray H1-R Racing 100% Synthetic Ester 2T Engine Oil is not recommended for methanol base fuel.

Applications

- ◆ For premix applications only. Use at ratios recommended by the engine manufacturer, typically 32:1 for engines up to 125cc and 40:1 for engines above 125cc
- ◆ Suitable for air-cooled or liquid-cooled engines
- ◆ Use wherever a high performance synthetic premix lubricant is needed

Features and Benefits

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|-----------------------------|--|
| ◆ Superior anti-wear | Extends bearing life. Reduces cylinder and ring wear. |
| ◆ Superior deposit control | Reduces ring sticking. Reduces deposits on the variable height exhaust valve (power valve) for superior throttle response. |
| ◆ Superior combustibility | Clean burning for low smoke. Eliminates spark plug fouling. |
| ◆ Red color | Provides a visual check of premix. |
| ◆ Synthetic ester base oils | Exceptional lubricity. Highly polar base oils cling to metal surfaces. Resists wiping action of rings in the cylinder for minimal scuffing and internal friction wear. |

General Description

Bel-Ray H1-R Racing 100% Synthetic Ester 2T Engine Oil's highly polar synthetic ester base oils cling to the metal for superior wear protection. It minimizes smoke, spark plug fouling and gum and varnish build-ups which typically cause ring sticking. **Bel-Ray H1-R Racing Synthetic Ester 2T Engine Oil** will eliminate gum and varnish deposits in older engines for more responsive and powerful performance.

Product No. 99280

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Mixing Instructions

This product is formulated for premix ratios ranging between 30:1 and 50:1. Follow the recommendation of the engine manufacturer. 40:1 is recommended for optimum performance in racing applications.

| <u>Fuel:Oil</u> | <u>½ gallon</u> | <u>1 gallon</u> | <u>1 liter</u> | <u>2 liters</u> | <u>3 liters</u> | <u>5 liters</u> |
|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|
| 30:1 | 2.2oz | 4.3oz | 33cc | 67cc | 100cc | 167cc |
| 32:1 | 2.0oz | 4.0oz | 31cc | 63cc | 94cc | 156cc |
| 40:1 | 1.5oz | 3.0oz | 25cc | 50cc | 75cc | 125cc |
| 45:1 | 1.4oz | 2.8oz | 22cc | 44cc | 67cc | 111cc |
| 50:1 | 1.3oz | 2.6oz | 20cc | 40cc | 60cc | 100cc |