



## BēNOL® Racing Castor Oil

The ultimate 2-stroke lubrication protection and performance is the choice of serious racers. Degummed and extra fortified for maximum reliability. BēNOL® provides twice the film strength and load carrying capacity over conventional castor oils. Klotz BēNOL® will challenge and outrun the competition in the following ways:

- **Ultimate in lubrication protection and performance**
- **Fortified film strength and anti-scuff protection**
- **Extreme load carrying capacity engineered to eliminate engine wear**
- **Clean Burn™ Technology reduces carbon and residue build-up**
- **De-gummed formula reduces ring sticking**
- **Contains familiar Klotz Red for easy mixing and castor racy odor**
- **Contains seal conditioners and preservatives**



### CHARACTERISTICS

Smoke Rating	5	Scale 1 = Fog - 10 = No Smoke
Clean Burn™	5	Scale 1 = Heavy Deposits - 10 = No Carbon
Film Strength	10	Scale 1 = Failure - 10 = No Wear
Pour Point	-9°F	
Flash Point	555°F	
Maximum RPM	10,000	
Viscosity @ 100°C	15.70 cSt Typical	
Product Color	Red	
Chemical	Castor Oil Base	
Biodegradable	100%	

### CERTIFICATIONS

A.P.I. S.A. Intended for racing engines only

### DIRECTIONS

**MX and Dirt Track:** Water-cooled engines 60-125cc mix at 32:1; 200+cc mix at 40:1; Air-cooled engines mix at 20:1 to 32:1

**ATV:** Water-cooled mix at 32:1-50:1; Air-cooled engines mix at 20:1-32:1

**Kart:** Air-cooled mix at 16:1 to 20:1

**Shifter Kart:** Liquid-cooled mix at 32:1

**PWC:** Full mod mix at 40:1

**R/C Model:** 2-Stroke glow engines mix at 15-18%; 4-Stroke glow engines at 5-10%

**2-Stroke pre-mix: Do not use in oil injection systems.**

### COMPATIBILITY

Blends with gasoline, E-85, methanol alcohol and stays in suspension above 35°F. Will not blend with petroleum oils or some synthetic lubricants; will blend with Klotz Original TechniPlate®, Super TechniPlate®, and HeliGlo®.

Will blend in gasoline at ratios of 15:1 or greater; alcohol at ratios up to 5:1

### PART NUMBERS

BC-175	10 PT CASE
BC-172	10 QT CASE
BC-171	4 GAL CASE
BC-175 30 GL	30 GAL DRUM
BC-175 55 GL	55 GAL DRUM

### RECOMMENDED APPLICATIONS

#### Motorcycle/ATV:

2-Stroke/gas/alcohol/E-85; Hi-performance, Racing 10K RPM+

#### Marine:

2-Stroke/gas/alcohol; Drag Racing

#### Kart/Micro Sprint:

2-Stroke/gas/alcohol; Racing

#### PWC:

2-Stroke/gas/alcohol; Extremely Modified 10K+

#### R/C Modeling:

2-Stroke/4-Stroke glow