



**Bar and Chain Oil**

WISE Bar and Chain Oil (BCO) is an Ultimately Biodegradable<sup>1</sup> formula made from non-GMO vegetable oils and patented additive technology to provide a high performance, lubricant. It has been recognized that the use of mineral (petroleum) lubricants poses certain environmental risks. Leakages, emissions and spillages, when handling lubricating oil, lead to direct pollution of the surroundings and the environment. BCO was developed to ultimately biodegrade (meets or exceeds the 28-day, Pw1 standard of ASTM D-5864) when lost into the environment.

**Performance Data**

**Field Trial**

In side-by-side comparisons with conventional mineral oil bar and chain lubricants, WBC Oil performed as well or better than mineral oil with respect to wear, the key evaluation parameter for chain bar oils. BCO reduces chain and bar maintenance and down time by up to 3 times.

**Bench Test**

The results of a proprietary OEM bench test to measure oxidation stability indicate that BCO is superior in comparison with mineral and rapeseed oils in terms of oil thickening and deposit. Independent studies have shown that this vegetable oil-based formula is superior to conventional oil in accelerated wear tests.

**Typical Specifications**

Specific Gravity @ 15.6°C.	0.911
Lbs per Gallon @15.6°C., U.S.	7.59
Viscosity @ 40°C., cst.	105
Viscosity @100°C., cst	15.4
Viscosity Index	155
Flash Point, °C. PMCC	194
Pour Point, °C.	-29
Brookfield Viscosity D-2983, cps @-25°C	12,000

This product is based on a proprietary and patented anti-oxidant, anti-wear, and cold flow technology. Base stocks are non-GMO agricultural vegetable oils. This stabilized technology provides high performance in high and low temperature applications, reducing oil thickening and deposits.

<sup>1</sup> Ultimate Biodegradation (Pw1) within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants. Full compliance with other applicable restrictions of FDA, USDA, oil spill, and oil pollution prevention statutes is recommended.

**To Order**

Fax to 831-728-1753 or call 800-491-9473 for Customer Service  
Visit [www.wisesolutions.net](http://www.wisesolutions.net) or Email [sales@wisesolutions.net](mailto:sales@wisesolutions.net)

Available Size Container  
Quantity (min.)

32 oz. <b>Quart</b>	1 gal. <b>Bottle</b>	5 gal. <b>Pail</b>	55 gal. <b>Drum</b>	330 gal. <b>Tote</b>