

Bio-Pro™ Bar & Chain Oils

(SAE 10W30, 15W50, 20W60)

Biobased, Tacky Bar & Chain Oils for Chainsaws and Industrial Equipment

Bio-Pro™ Bar & Chain Oils are professional-grade, readily biodegradable, biosynthetic-blend lubricants designed for use in chainsaws and industrial chains and sprockets. Developed with Stabilized™ HOBS (High Oleic Base Stock) technology and advanced anti-wear and extreme pressure additives, these oils provide outstanding tackiness, wear protection, and environmental safety. Bio-Pro™ Oils are engineered to reduce fling-off, extend equipment life, and meet EPA VGP 2013 guidelines for Environmentally Acceptable Lubricants (EALs).

Benefits

- Readily biodegradable, non-toxic, not bioaccumulative
- Highly tacky formulation prevents fling-off
- Excellent anti-wear and extreme pressure protection
- Reduces bar and chain wear, maintenance, downtime
- Recognized by EPA as safer alternative to petroleum-based oils
- Meets and exceeds LC-50 / EC-50 > 1000 ppm toxicity criteria
- Stable in high- and low-temperature environments
- Formulated from renewable agricultural resources using patented Stabilized™ HOBS technology

Application / New Filling

- Ideal for:
 - o Chainsaw bars and industrial chain/sprocket systems
 - o Pulp and paper mills, sawmills, plywood mills
 - o Chain drives on lumber carriers, ATVs, motorcycles, and farm equipment
 - o Automatic and hand-operated oilers
- Compatible with conventional equipment using petroleum-based bar and chain oils

Specifications and Approvals

- EPA VGP 2013 compliant (Environmentally Acceptable Lubricants)
- ASTM D-5864: Ultimate Biodegradation
- OECD 301B: Readily Biodegradable
- Patented Stabilized™ HOBS formulation
 - o U.S. Patents: 6,383,992 and 6,534,454 (additional patents pending)



Typical Specifications

Viscosity @ 40°C., cSt.
Viscosity @ 100°C., cSt.
Viscosity Index
Flash Point, °C. COC
Pour Point, °C.
Brookfield Vis D-2983, cps @-25°C
4-Ball Wear (mm)

SAE 10W30	SAE 15W50	SAE 20W60
63	92	149
12	16.8	25.3
190	198	205
242	270	282
-39	-30	-26
4,000	10,000	--
.40	.40	.40

STABILIZED by Renewable Lubricants™* is RLI's trademark on their proprietary and patented anti-oxidant, anti-wear, and cold flow technology. This Stabilized technology allows the HOBS to perform as a high-performance formula in high and low temperature applications, reducing oil thickening and deposits. Patented Product: US Patent 6,383,992, US Patent 6,534,454 with additional Pending and Foreign Patents

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Availability F.O.B.: Hartville, Ohio, USA	1 Quart	1 Gal	5 Gal	Drum	Totes	Bulk
Item # 10W30	80601	80603	80604	80606	80607	80609
Item # 15W50	80611	80613	80614	80616	80617	80619
Item # 20W60	80621	80623	80624	80626	80627	80629