

FUNCTIONAL Bar and Chain Oil Ad-Pack

APPLICATION:

FUNCTIONAL Bar and Chain Oil Ad-Pack is used for preparing readily-biodegradable bar and chain oils when combined with a suitable viscosity modifier and a vegetable base oil. The **Ad-Pack** provides excellent oxidation inhibition, anti-wear activity, and tack to the oil. A high-oleic soybean or canola oil should be used for improved oxidation resistance.

COMPOSITION:

FUNCTIONAL Bar and Chain Oil Ad-Pack is a mixture of oxidation inhibitors, anti-wear agents, and rheology control additives designed to give optimum performance in vegetable oils. The formulation does not contain phosphorous or metals.

Typical properties	
Appearance	Dark liquid
Odor	Pungent
Sulfur	4.7
Specific Gravity	0.94
Lbs per Gallon	7.81
Flash Point	204°C (400°F)
Kinematic Viscosity	232 cSt at 40°C

TREATMENT LEVEL:

FUNCTIONAL Bar and Chain Oil Ad-Pack is recommended at a treat level of 3.8% in a suitable biodegradable base stock to produce a bar and chain oil. (For a more economic bar and chain oil we recommend Functional V-570 and vegetable oil.) The viscosity of the finished bar and chain oil may be raised to any ISO grade by the addition of a suitable thickener such as **FUNCTIONAL V-515** or **V-508F**.

Thickener	ISO 40 Grade	ISO 100 Grade	ISO 220 Grade
V-515	2.0%	14.0%	22.0%
V-508F	1.0%	10.0%	16.0%

HANDLING:

Review the current Safety Data Sheet before use. Products should be stored above -10°C.

This Technical Data Sheet and the Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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