

## BIODEGRADABLE TACKIFIERS

LUB<>LINE Biodegradable tackifiers are principally used to provide adherence in saw-guide Oils in environmentally sensitive locations. Low temperature properties can be improved. The treatment levels for a chain lube are 3-10 %. This level will bring a vegetable oil to ISO 46 to ISO 68 grade, these are good viscosities for all weather saw chain oils in most climates. The polymers themselves are not readily biodegradable, but permit the formulation of tacky lubricants from biodegradable base oil systems. These products are approximately 90% readily biodegradable.

Product	Diluent	Viscosity (cSt@100)	Color (ASTM)	Shear Stability	Stringiness
L075	Vegetable Oil	8000	<4	Good	Good
L485	Vegetable Oil	2500	<4	Fair	Excellent