

LACTUCA R 185 S



METALWORKING



TOTAL

Heavy-Duty, Macro-Emulsion for Ferrous and Non-Ferrous Metals.

APPLICATIONS

- **LACTUCA R 185 S** is a heavy duty, soluble oil which was designed to perform satisfactorily in all the most severe machining operations.
- **LACTUCA R 185 S** is fortified with the latest technology in extreme pressure and anti-weld agents. It forms a opaque, white-colored emulsion, which is very stable in hard water and leaves no sticky residue.
- **LACTUCA R 185 S** is used on all cutting operations on all ferrous and non-ferrous metals. It is highly recommended for machining all carbon steels, stainless, high nickel steels, aluminum, copper, and brass.
- Operations include: machining such as boring, drilling, milling, turning, sawing, grinding, drawing, stamping, burnishing, deep-hole drilling, and reaming.

ADVANTAGES

- Resistant to microbiological degradation.
- Extreme pressure and anti-wear agents.
- Increases tool life, prevents ridging, promotes good surface finish.
- Excellent lubricity properties--Increases the tool life on a large scale of cutting parameters maintaining an additive layer on the chip / workpiece / tool surface.
- Excellent corrosion protection for parts and machinery.
- Contains no nitrites, PCB's, mercurials, phosphates or phenols.
- Low foaming.

TYPICAL CHARACTERISTICS	LACTUCA R 185 S
Appearance	Clear Amber Liquid
Color	3.5
Density @ 60 °F, lbs./gal.	8.0
Specific Gravity @ 60/60 °F	0.959
Sulfur, %wt.	None
Chlorine, %wt.	None
pH @ 1:9 (10%)	8.9
Refractive Index Factor	1.18

Standard dilution of water to oil is 15:1. May be mixed satisfactorily from 5:1 to 20:1 depending on the type and severity of the operation. The concentration should be adjusted as necessary to maximize performance. When preparing mixtures, ALWAYS add **LACTUCA R 185 S** to water and not vice-versa.

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