



LAB OIL 100WT

Oil / Wax Emulsion type Rust Preventative



PRODUCT INFORMATION FLYER

Description

LAB OIL 100WT is a water soluble emulsion type rust preventative. An incorporated wax component provides lubricity to meet automotive torque requirements.

Application

LAB OIL 100WT combines the properties of high ferrous corrosion resistance, excellent emulsification characteristics and H&S profile. LAB OIL 100WT contains no barium compounds. LAB OIL 100WT has been formulated to also offer excellent emulsion stability to alkaline or acid contamination as encountered in black oxide or phosphating processing cycles as ordinary water soluble rust preventatives often have extremely poor stability to alkaline or acid contamination.

Use concentration: 5 - 30% by Volume

Operating temperature: 60°C - 65°C

Immersion time: 1 - 3 Minutes

Emulsion preparation:

ALWAYS ADD LAB OIL 100WT TO WATER.

Fill tank 2/3 full with clean warm water (40 - 50°C). Heated water is recommended to facilitate emulsification. Add the required amount of LAB OIL 100WT concentrate. Mix thoroughly.

Heat to desired operating temperature.

Maximum corrosion resistance will be obtained when the LAB OIL 100WT concentration is maintained at 20 - 30% by volume.

Operating the LAB OIL 100WT bath at temperatures of 60°C or higher will pasteurize the emulsion and prevent bacterial growth.

Equipment

Tanks for LAB OIL 100WT may be constructed of mild steel.

Solutions can be steam heated, gas fired or heated with electric immersion heaters.

Features and benefits

Approvals:

- GM Spec GMW3179 Code G when used with DuBois Ultraphos 1224 or Ultraphos 1500C.
- Chrysler PS-80 which details phosphate coatings for fasteners.

Technical data

	Method	LAB OIL 100WT
Base		Emulsifiable oil
Colour	Visual	Brown
Flashpoint	ASTM D93	
Recommended concentration		5 - 30%
Materials		Ferrous
% VOC	EC Directive / 1999/13/EC / Solvent Emissions Directive	5
Filmthickness (approx.)	Micron	5
Film characteristics		Oily / waxy
% Non volatile	ASTM D2369 mod.	26 (30% mix)
Waterdisplacing		No
Fingerprint neutralization		No
Coverage (approx.)	M2/Liter	49
Type of protection		Indoor storage
Application temperature		60 - 66C
Ind. protection time		3 - 12 months
Corrosion testing data		
Humidity cabinet (hours)	ASTM D1748	>1008 (30%)
Saltspray testing (hours)	ASTM B117	28 (30%)
Application methods		Immersion
Removal methods		Alkaline cleaner
Remark		Homogenise before usage

Concentration analyses

Refractometer factor: 1,0 | Concentration is calculated by multiplying the resultant reading by a factor of 1,0.

Handling and storage

Keep at temperatures between 5°C and 35°C in original container.

Homogenize before usage

Packaging type

20, 200 and 1.000 liter.

Safety Data Sheet

The Safety Data Sheet should be consulted for specific information and information on Health, Safety and Environmental matters when handling this product

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