



307A

DESCRIPTION:

Metal Protector. Non-toxic penetrating anti-rust coating, suitable for all metals. Resistant to light abrasion and knocking. Protects, tools, dies, taps, vehicle internal panels, steel fabrications and farm implements. Remove with mineral spirits. **Available in Bulk and Aerosol as 707.**

CHARACTERISTICS:

Corrosion Coating

Liquid Intelligents 307A is a heavy duty all purpose anti-corrosion coating.

307A's Coating system when applied will penetrate and suppress any existing corrosion, forming a protective layer that seals out further oxidation caused by moisture, chemicals, weathering or fumes.

Abrasion Resistant

307A's Coating is resistant to minor knocking and abrasion, will not crack or peel.

307A Is Ideal For Protecting:

Ploughshares	Tools, Dies & Moulds	Lawn mowers
Spare Parts	Snowploughs	Farm Implements
Military Stores	Marine Equipment	Ski Resort Equipment
Crushers	Seasonal Production	Grader Blades
Portable Conveyors	Plant Equipment	Machinery
Hammermills	Cannery Equipment	Trailers
Aircraft Service Equipment	Construction Equipment	Battery Terminals

Advantages:

Liquid Intelligents 307A offers a good dielectric resistance: >1000 Volts.

307A has excellent adhesion allowing less man-hours cleaning metal before application. Exceptional bonding and coating properties mean usually a single coat will provide long-term protection.

307A will not easily damage in normal storage, reducing the need to reapply.

Easy application - no special skills necessary.

Good coverage rate 5 square meters per 400gram aerosol can.

Simple removal, just wipe with mineral spirit.

Non-toxic, no residues, or irritating fumes 307A can be used in confined areas.

Good long-term protection exceeds 36 months.

No special mixing or preparation.

SERVICE BULLETIN

HOW TO APPLY:

PREPARATION OF SURFACE

The maximum of effectiveness is obtained by direct application on metal having a clean surface, without rust, oil or scales. Liquid Intelligents recommends that the surface of metal be at a temperature ranging between 10 °C and 35 °C at the time of the application of the 307A.

Extensive Coverage:

One coating of Liquid Intelligents 307A is sufficient for normal use.

Simple Removal:

Rags soaked in Mineral Spirit will remove Liquid Intelligents 307A from metal parts. The ease of removal eliminates mess and clean up time.

Safety In Use:

Liquid Intelligents 307A is free of noxious, toxic or irritating fumes and gases. This allows application in enclosed or confined spaces without any danger to personnel.

SPECIFICATIONS:

DATA OF THE LABORATORY

- Point flash in closed mud, PMCC * : 41.1 °C.
- Density with 25 °C: 887grams/L.
- Thickness of dry film recommended, on metal plate: 32.5 microns.
- Theoretical Covering capacity: 15 m²/L
- Time of approximate drying to 25°: 1 hours.
- Stabilized Film: 24 hours.
- Heat strength, temperature of creep: + 150 °C
- Resistance at low temperature (tests practised on a folded test-tube with 90 °C without crack): - 40 °C

Tests of accelerated corrosion.

Salt spray with 5%.

- Test ASTM ** B - 117, to see thickness of dry film recommended: 1000 hours (polished plates steels).

Moisture at 100% .

- Test ASTM ** D - 1748, to see thickness of dry film recommended: 1500 hours (polished plates steels)

- Estimated Duration of protection:
 - Interior or under shelters: 36 months
 - Outside: 18 months.



307A

SERVICE BULLETIN

- * PMCC (Penske Martin Closed Cup)
- ** ASTM (American Society for Testing and materials).

Colour
Practical Coverage
Clean Up/Removal

Clear Brown
Approx. 15 sq. m/litre
Mineral Spirits

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