

# Product Data Sheet

## Servo RP 125

Non-solvent type mineral oil based general purpose rust preventive



### Description

Servo RP 125 is a non-solvent type light bodied mineral oil based rust preventive, It contains special additives to ensure very good protection against rusting. It has been developed for indoor usage, however, the product can also be used for short-term outdoor storage. The oil can be applied by dipping/ brushing/ spraying. The oil film can be removed easily by treatment with petroleum solvent, alkaline cleaning or vapour degreasing agents.

### Performance, Features and Benefits

- General purpose - cost effective solution for temporary rust prevention
- Ensures good protection against rusting of components during indoor storage
- Oil film need not be removed as the same is compatible with lubricating oil
- Does not contain any solvent hence no special precaution required to handle this product

### Application

Servo RP 125 is used as rust-preventive for protection of sheets during storage and transportation in Steel Plants. This product can be applied for short-term protection during storage, in between operation and for rust protection of components before wrapping. It is also recommended as flushing oil for internal protection of engines and machinery where removal of oil film is difficult. The film formed on the internal surfaces is compatible with other lubricating oils for varying operations.

### Approvals/ Performance Standards/Recommendations

Servo RP 125 meets the following specifications:

- BS: 7451 - 1992 Type TP 6 (a)

Successfully used in:

- Atlas Steel, Ludhiana

### Typical Physical Characteristics

Parameter	Method	Servo RP 125
Kinematic Viscosity, cSt @ 40°C	ASTM D-445	24
Density @ 29.5 °C, g/ml.	ASTM D-1298	0.87
Flash Point COC, deg C,	ASTM D-92	172
Copper Strip Corrosion @ 100 °C, 3 hrs	ASTM D-130	1
Film thickness @ 30°C, microns	IS 1154 Appendix A	4.0
Humidity cabinet test , pass hrs	ASTM D-1748	260
Salt spray Test using IS 513 steel panels, pass hrs	ASTM B -117	10
Acid atmosphere corrosion test, pass hrs	IOCM_Inhouse	60
Corrosion protection, Indoor area, months		4
Outdoor area, months		1

### Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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