



### DESCRIPTION

Servo RP 180 ES is a non-solvent type light bodied mineral oil, inhibited with special additives to ensure excellent protection against rusting in humid and polluted environment. This oil is a high viscosity, barium free rust preventive oil with good lubricating properties for drawing operation. It is specially developed for protection for steel components coated with electrostatic spray system. Thixotropic characteristic of this oil ensures non-dripping after application through electrostatic spray system. The recommended spray is in the range of 0.8-2.0 gm/m<sup>2</sup>.

### PERFORMANCE BENEFITS

- Excellent rust protection in humid and polluted environment
- Suitable for electrostatic spray system. Homogeneous and tacky oily film ensures excellent rust protection during indoor and outdoor storage
- Oil film need not be removed as it provide necessary lubrication for next operation
- Easily removable with organic solvents and alkaline cleaners
- Ideally suited for interim and transit protections of steel components
- Good compatibility with metal working lubricants
- Low odour for greater operator comfort

### APPLICATION

Servo RP 180 ES can be applied by electrostatic spray system at 40-50 °C on the steel sheets. It forms a uniform homogenous, tacky oily film on the steel sheet. It is used as rust preventive for protection of steel components during storage and transportation in steel industry. It has special additives, which help in the removal of the oily film from steel component easily by treatment with petroleum solvents, alkaline cleaning or vapour degreasing agents. It has excellent compatibility with metals and leaves no stain on the steel components after its application. It should be heated to 40-45 °C for good spray conditions.

### PERFORMANCE STANDARDS

Servo RP 180 ES recommended against the following rust preventive oil standards:

- BS 7541-1992: TP 6 and TP 9, Oily film temporary protectives.
- IS 14779-2000 – General purpose oil based temporary corrosion preventives type

### APPROVALS :

- M/s Peabody, USA
- Ravarini Castoldi & C. S.R.L. Division Electro spray, Italy. They are OEMs of electrostatic spray systems.

### CHARACTERISTICS

Kinematic Viscosity cSt @ 40°C	65 - 75
Flash Point, COC , °C Min.	200
Film thickness @ 30 °C, microns	3-6
Salt spray corrosion test using IS 513 steel panels	80
Humidity cabinet corrosion test, hours	600
Corrosion protection ,	Indoor area, months
	Outdoor area, week
	8
	3

### HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

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