

TRANSSTORE SCST 30

CORROSION INHIBITIVE COATING

SATISFIES CAT IE4969 WELDABLE RP SPEC AND CAT MS2260 HIGH FLASH OIL RP SPEC

▶ PRODUCT DESCRIPTION

TransStore SCST 30 is a high flash point solvent type rust preventive/corrosion inhibitor designed to provide a translucent, dry, durable coating. TransStore SCST-30 provides long term indoor storage protection and short to long-term outdoor protection on sheet steel and other ferrous parts. The coating is extremely durable and resilient in a variety of harsh environments and can withstand unprotected, outdoor environments (rain impingement) for storage of parts. This product cures completely in 24 to 48 hours (depending on application environment) and can be handled prior to complete cure.

▶ FEATURED BENEFITS

- Excellent humidity protection
- Low VOC
- Non flammable
- Multi-metal protection
- Easily cleaned
- Thin film
- Excellent shelf life
- Easy clean up
- Non-hazardous
- Contains no heavy metals, phosphates, nitrites, or silicones

▶ APPROVALS

- Satisfies CAT IE 4969 Weldable Rust Preventative Specification
- Satisfies CAT MS 2260 High Flash Oil Rust Preventative Specification
- Not compliant for California SCAQMD Rule 1144

APPLICATION



COMPATIBLE METALS

Carbon Steel
Stainless Steel
Cast Iron
Copper
Aluminum

TYPICAL APPLICATIONS

Machined Parts
Engines
Forged Hot Parts
Steel Plate
Parts Storage

PROTECTION PROPERTIES

	Test Method	Dry Film Thickness	20 Ra (Smooth) 1010 Carbon Steel Panels
Humidity	ASTM D 1748	2 mils (50 microns)	240 hours
Water Fog	ASTM D 1735	2 mils (50 microns)	72 hours
Salt Fog	ASTM B 117	2 mils (50 microns)	24 hours
Cyclic	SAE J 2334	2 mils (50 microns)	8 hours
Indoor	Warehouse	2 mils (50 microns)	1 year
Outdoor	Covered	2 mils (50 microns)	6 months
Outdoor	Uncovered	2 mils (50 microns)	2 weeks



TYPICAL PROPERTIES

Fluid Type	Solvent based
Appearance Clear	Clear dark liquid
Coverage, 2 mils	400 – 450 ft ² /gal
Coverage, 50 microns	9.8 – 11m ² /l
Film type	Oily translucent
DFT dipped, 77°F (25°C)	2 mils (50 microns)
Weight, 60°F (15.6°C)	7.38 lbs/gal.
Weight, 77°F (25°C)	7.35 lbs/gal.
Flash Point, PMCC	239°F (115°C)
Carrier Type	High Flash Aliphatic Solvent
Viscosity, #2 Zahn cup, 77°F (25°C)	65 seconds
Non-Volatile Content, by weight	95%
Cure Time, 77°F (25°C), 25% RH	24 hours
VOC, ASTM 1868	<0.5 grams/liter

PRODUCT APPLICATION / USAGE

TransStore SCST 30 is designed primarily for indoor or short-term outdoor protection only.

TransStore SCST 30 may be applied by brushing, spraying, or dipping. Maximum performance of TransStore SCST 30 can be achieved only when the metal surfaces are clean, free of rust, oil, and mill scale. The metal substrate should be at a temperature of 50 to 95°F (10 to 35°C) at the time of product application. TransStore SCST 30 is formulated to be used as supplied. **DO NOT THIN** TransStore SCST 30. Incorrect thinning will compromise film build, dry time, and coverage. Ensure uniform consistency prior to use.

DO NOT HERMETICALLY SEAL BAGS IF BAGGING PARTS.

RECOMMENDED SPRAY EQUIPMENT: TransStore SCST 30 is a ready to use product. The viscosity is low enough to be easily sprayed using a hand held pump aerosol spray bottle, pressure pot, or pneumatic spray gun/ body shutz gun. Airless spray equipment is not required but can be used if other methods are not available.

PRODUCT CLEANUP

- Water can be used on wet films
- Chem-Clean 10 Product number: 420050 can be used to prepare part for iron phosphate coating or painting
- Can be removed from fabrics usually through machine wash

PRODUCT STORAGE

- Shelf life is 24 months
- Store TransStore SCST 30 at temperatures from 50° to 95°F (10° to 35°C)
- Mild agitation is recommended prior to use. Continued agitation is generally not required.
- KEEP LID ON PRODUCT AFTER USE
- DO NOT GET WATER INTO PRODUCT

PRODUCT CODE

50011C0000

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).