

Balmerol® Rustskip HDX 32

Solvent Based Rust Preventive Oil

Technical Data Sheet

Product Description:

Balmerol Rustskip HDX 32 is solvent based heavy duty rust preventive oil, which leaves a soft transparent waxy protective film on evaporation of the solvent. Due to transparent appearance of the film, work piece retains its original colour & metallic luster even after the coating. Rustskip HDX 32 is recommended for long term protection of components in harsher environments. Rustskip HDX 32 forms a soft tenacious protective film after evaporation of the solvent. The protective lubricating film provides excellent long term outdoor and indoor protection against corrosion in saline and humid atmosphere during storage or transportation of components. It has an excellent water displacement property. Due to its superior salt fog resistant property, it can be applied on ocean freight components

Features & Benefits:

Balmerol Rustskip HDX 32 provides the following benefits:

- Easy to apply and remove
- Reliable corrosion protection
- Excellent water displacing properties
- It has good coverage and penetration properties due to its low viscosity
- It has excellent salt fog resistance property

Applications / Recommendations:

- Rustskip HDX 32 is mainly intended for long term protection of sheet metal components, valuable machine tools such as camshafts, large gears, crankshafts, circular saws, fry wheels and sliding surfaces of lathe beds etc.
- Rustskip HDX 32 can be applied by immersion/dipping. But spraying or brushing method may be adopted if dipping is impractical. Best result can be obtained by dipping method.
- Rustskip HDX 32 can be stored for a period of 1 year in ambient conditions, if stored in the original container.

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Typical Properties:

Balmerol Rustskip HDX 32	
Properties	Rustskip HDX 32
Appearance/ Colour	Amber clear liquid
Film characteristics	Waxy transparent film
Specific gravity, @ 30° C, ASTM D 1298	0.81 - 0.83
Viscosity @ 40°C, cst, ASTM D 445	5.0
Flash Point (COC)° C, min , ASTM D 93	40 - 60
Pour Point, °C, ASTM D 97	<-6
Water displacement Property, IS : 1154	Pass
Water content, % mass, K. F. Method	0.005
Film Thickness, micron, IS 2074	4.0 - 6.0
Protection against high humidity & high Temperature, min, (hrs) ASTM D 1748	> 1000
Salt Spray, min, (hrs), ASTM B-117	> 240
Area coverage, m ² /l , min, IS:2074	75 - 85
Copper Strip Corrosion @ 100°C, 3hrs, ASTM D 130	1a
Estimated Protection (Considering primary form of protection present such as tarpaulin etc.)	
Indoors, in months (max)	24
Outdoors, in months (max)	12

Health and Safety:

Balmerol Rustskip HDX 32 Oil 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. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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