



SHOWAX-05

Oxidised Wax based Rust Preventive Additive

SHOWAX-05 is a an Oxygenated Hydrocarbon consisting of calcium salts & various inhibitors.

The characteristic of **SHOWAX-05** is its non-emulsifiability and non-staining nature, further it does not emulsify even in the presence of an alkali.

The protective film of **SHOWAX-05** left on the metal after evaporation of the solvent is ultra thin, non-staining and highly protective.

SHOWAX-05 can also be used in mineral oil solutions to provide water displacement

Typical Physical & Chemical Properties

ACID NUMBER	10 – 15
DENSITY @ 24°C	0.85 – 0.90
FLASHPOINT	ABOVE 120°C
DROP MELTING POINT	40°C – 45°C.

Features

- Exceptional Salt Spray Protection
- Acid Fume Resistance
- Non staining
- Superior water displacing properties
- Non-corrosive to various non-ferrous metals including copper, aluminium, zinc, magnesium, brass & cadmium
- Good solubility in a wide range of petroleum diluents

Recommended Formulation:

10 – 20 % (by weight)	SHOWAX-05
10 – 20 % (by weight)	Naphthenic oil
Balance	Mineral Spirits (solvents)

Solubility

Soluble in most mineral oils, base oils, vegetable based fluids, esters and most common solvents.

Insoluble in water.

Handling & Storage

Handling : Avoid overheating. Normal blending temperature of upto 120°C may be employed.

Storage : Maximum recommended storage temperature 45°C before using.

Benefits

Added assurance that parts won't rust

Protection against harsh industrial atmosphere

Safe for use on coiled or stacked metals

Improved protection through reduction in water contamination

Expanded application versatility

Increased formulation flexibility enabling multiple performance levels while reducing complexity

Accelerated Conditions Test Results for reference

Period	3 – 6 months	6 – 9 months	9 – 12 months
Formulation	5% Showax-05 + 20% Oil + Remaining Solvent	10% Showax-05 + 20% Oil + Remaining Solvent	15% Showax-05 + 20% Oil + Remaining Solvent
Salt Spray Protection	40-48 hrs	72-80 hrs	110-120 hrs
Acid Fume Resistance	20-24 hrs	45-50 hrs	60-65 hrs

*The results shown reflect data generated by Shobha Chemicals' Technical Laboratory. Actual results may vary depending on the personnel skills, base oil, and test equipment design.



SHOBHA CHEMICALS

208, Mahavir Industrial Estate, Off. Mahakali Caves Road, Andheri (East).

Mumbai-400093. Maharashtra. INDIA

Tel: +91-22-28217173

Mobile: +91-9820306044

www.shobhachemicals.com / Email id: shobha_chemicals@yahoo.co.in