Shell ENSIS® Compound WB 1200

Water emulsifiable corrosion inhibitor

Shell ENSIS® Compound WB 1200 is a water emulsifiable rust-preventive oil formulated for use on a wide variety of metals. When applied from a 10 to 40 percent water emulsion, Shell Ensis ENSIS® Compound WB 1200 produces a slightly oily film that will provide up to six months indoor corrosion protection.

Shell ENSIS® Compound WB 1200 is added to water at a rate of 10 to 40 percent of the total bath volume with good agitation. The bath may be heated to 140°F, to facilitate drying. Parts may be allowed to air dry or may be force dried with heat or hot air. Immersion times of 1 to 5 minutes are sufficient for complete oil absorption onto the metal surface.

Performance Features and Benefits

- Good indoor protection helping to reduce rework
- Easily cleaned from surfaces which prevents interference with following operations
- Dilutable with water helping to lower cost in comparison to oil or solvent based rust preventatives
- Suitable for a wide variety of metals

Main Applications

- Designed for use at 10-40% emulsion strength
- For use where up to six months indoor protection is desirable

Advice on applications not covered in this handbook may be obtained from your Shell representative.

To determine concentration of Shell ENSIS® Compound WB 1200

1. Place a 50 ml sample of the emulsion in a stoppered 100 ml graduated cylinder.
2. Add 20 mls of 50% Sulfuric Acid.
3. Invert several times venting cylinder as necessary to relieve any pressure buildup.
4. Allow the sample to stand for 10 to 20 minutes undisturbed.
5. Read the volume of dark oil in the upper layer and multiply the milliliters by 2.0 to obtain the percent by volume of Shell ENSIS® Compound WB 1200 in the bath.

Handling and Safety Information

For information on the safe handling, storage, or use of this product, refer to its Material Safety Data Sheet at http://www.epc.shell.com/. If you are a Shell Distributor, please call 1+800-332-6457 for all of your service needs. All other customers please call 1+800-237-8645 for all of your service needs.

Protect the Environment

Do not discharge into drains, soil, or water.

Typical Physical Characteristics

Shell ENSIS® Compound WB 1200	**Test Method**	
Appearance	Visual	Amber, slightly hazy liquid
Film Characteristics		Slightly Oily
Flash Point, °F	D 92	N/A
Density, lbs/gal		7.78

These characteristics are typical of current production. While future production will conform to Shell specifications, variation in these characteristics may occur.