

ENSIS WBC 1200

Long Term - Water based concentrate - Rust Preventive

DESCRIPTION

ENSIS WBC 1200 is a blend of organic corrosion inhibitors and lubricant oil which provide long term protection. The length of protection is depending on the concentration used, however up to 12 months protection can be achieved in indoor storage conditions.

ENSIS WBC 1200 is a premium quality stable rust preventive, totally soluble in water and exhibits a very thin oily film, which is self-healing, resists peeling and cracking, neutralizes fingerprints and is easily removed if required.

ENSIS WBC 1200 is non-flammable, free from sodium nitrite, barium, boron and formaldehyde.

APPLICATIONS

ENSIS WBC 1200 provides medium to long term protection and final protection, on :

- (semi)-finished automotive and machinery components like valves, gears, camshaft, box, bearing, chains, motor, fasteners, braking system, precision components with highly finished surfaces ...
- Phosphated or blackened surfaces by filling the micro porosity.
- Materials and equipment during shipment overseas, when properly packed.

ENSIS WBC 1200 is non foaming and can be used in high pressure system like washing machine.

We strongly recommend the use of soft water with low chloride content to optimize stability of the emulsion and minimise the risk of corrosion due to high conductivity.

TYPICAL PHYSICAL PROPERTIES

<i>Appearance</i>	<i>clear brown</i>
<i>Specific Gravity</i>	<i>0.96</i>
<i>Flash Point (°C) open cup</i>	<i>118</i>
<i>Viscosity @40°C (cSt)</i>	<i>390</i>
<i>Film Thickness (µm)</i>	<i>< 4</i>
<i>pH @ 5%</i>	<i>8.2</i>

BENEFITS

- Economic - Concentration can be adapted to the needs and thus provide perfect quality/cost ratio.
- Economic - Very performing thin film compatible with most of lubricant oil, no need to wash off.
- Economic - Being water based ENSIS WBC 1200 is a safer alternative to solvent based rust preventives and offers economic benefits to costly neat solvent based dewatering agents.
- Economic - low foaming, enable use in washing machine and thus can be used as a dual purpose product cleaner for light soil and rust preventive.
- Environmentally friendly - VOC Free technology, conforms to European regulation, avoid CAPEX investment in solvent vapour collection and treatment
- Quality - Neutralizing fingerprints in case of accidental bare handling
- Quality - High performing chemistry which keep your added value safe and reduce re-work risk

RECOMMENDATION FOR USE

ENSIS WBC 1200 is typically used hot (from 60 to 70°C) at 8 to 10% emulsion. It can also be used at a concentration range from 3% to 15% depending upon the specific application.

For more information please consult our recommendation book and selection guide.

RELATED PRODUCTS

Product is compatible with the full range of Houghton's portfolio, esp. with the Houghto-Clean for post degreasing when required and most of our metal working fluid (Hocut, Adrana, Macron, Cut-Max, ...)

For more information, please contact your local Houghton Representative.

STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

FB21/09/2012GB



Houghton plc
Beacon Road, Trafford Park
Manchester M17 1AF

Tel +44 (0) 161 874 5000
Fax +44 (0) 161 874 5001
E-mail uk.enquiries@houghtoneurope.com
<http://www.houghtonintl.com>

This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

ENSIS WBC 1200

Long Term - Water based concentrate - Rust Preventive



HOUGHTON™

Houghton plc
Beacon Road, Trafford Park
Manchester M17 1AF

Tel +44 (0) 161 874 5000
Fax +44 (0) 161 874 5001
E-mail uk.enquiries@houghtoneurope.com
<http://www.houghtonintl.com>

This document contains information based on data that is believed to be correct.
However, the product may not be applicable to all uses and operating environments.
No warranty or guarantee is expressed or implied.