

Osmose®

Hollow Heart® CB

LIQUID INTERNAL TREATMENT

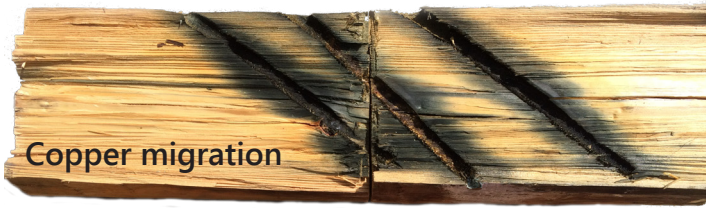
Hollow Heart CB (copper and boron) provides deep, long-lasting protection against decay. Diluted with water, Hollow Heart CB becomes a 2% copper as metal and 5.0% boron solution designed to be applied by internal injection, brush, or sprayer. Compared to other liquid internal treatments, Hollow Heart CB offers:

- ✓ **Better efficacy**
 - Hollow Heart CB features cobiocides - copper and boron compared to single biocides
 - Boron offers deeper penetration than copper which is primarily topical
- ✓ **Lower cost** (compared to internal treatments)
- ✓ **Reduced exposure risk for improved worker safety**
 - Carries a signal word of "Warning" versus "Danger" for copper naphthenate products
 - Easy to clean up and virtually odor free
 - Improved applicator hygiene
- ✓ **Better environmental profile**
 - Water-based rather than solvent-based like traditional copper naphthenate products
 - Low volatile organic compound (VOC) emission
 - UL Environmental Claim Validation

HOLLOW HEART CB VS. COPPER NAPHTHENATE

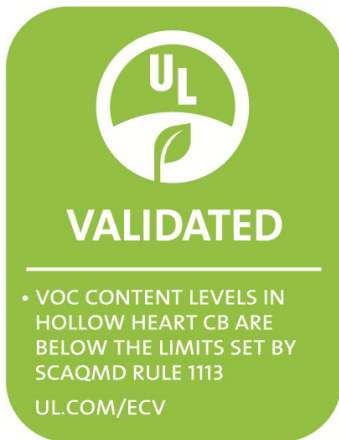
	Hollow Heart CB	Copper Naphthenate & Solvent Solution
Formulation	Waterborne	Oilborne
VOC Content (grams/liter)	< 100	> 750
UL Environment Validation	Yes	No
Meets SCAQMD Standards	Yes	No
Meets SMAQMD Standards	Yes	No
Meets LMADC Standards	Yes	No
Meets OTC Standards	Yes	No
Diesel Fuel/Solvent Free	Yes	No
Number of Active Ingredients	2	1
Easy Clean Up	Yes	No
Flammability (NFPA Code)	0 - not flammable	2 - flammable
Flash Point	212 F	104 F
Store Above 90 F	Yes	No





HOLLOW HEART CB: THE ENVIRONMENTALLY PREFERABLE CHOICE

As the world's leading developer of wood preservatives designed for in-service poles, Osmose has established R&D priorities intended to maintain efficacy against decay and deterioration while reducing the volume of active ingredients, lowering the risks to non-target organisms, and eliminating petroleum-based carriers from our product line.



Hollow Heart CB holds an Environmental Claim Validation from UL Environment. This distinguished validation confirms that Hollow Heart CB exhibits volatile organic compound (VOC) content below the limits defined by South Coast Air Quality Management District (SCAQMD) for the wood preservative category of SCAQMD Rule 1113. Hollow Heart CB is the only liquid internal treatment that carries this distinguished validation. With a VOC level well below 350, Hollow Heart CB also complies with Sacramento Metropolitan Air Quality Management District (SMAQMD) Rule 442, Lake Michigan Air Directors Consortium (LMADC) standards, and Ozone Transport Commission (OTC) standards.

ORDERING INFORMATION

Hollow Heart CB concentrate is available in three sizes:

- 1-gallon jugs (4 per case)
- 5-gallon pails
- 16-ounce squeeze bottles (12 per case)

-The 16-oz squeeze bottle contains 6.4 oz of concentrate. Simply fill the bottle with water, shake, and the solution is ready-to-use.



For more information on Hollow Heart CB or to place an order:

CALL 770.632.6700 Opt. 3 | EMAIL products@osmose.com