

# TRIM<sup>®</sup> HyperSol<sup>™</sup> 888NXT

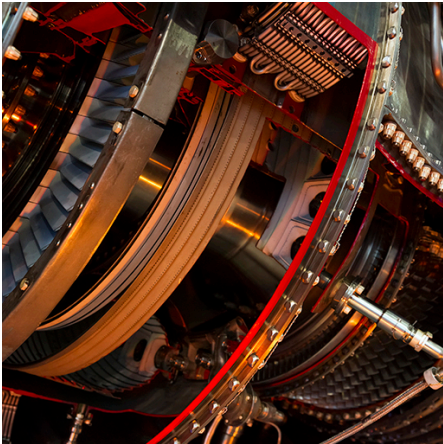
*neo-synthetic precision aerospace machining fluid*



## *Experience ultimate versatility*

HyperSol 888NXT's patented neo-synthetic technology masters the art of versatility. Providing exceptional performance on hard aerospace metals such as titanium and high-nickel alloys, stainless steels and Inconel<sup>®</sup>, it also offers the superior lubricity necessary for machining soft, gummy aluminum alloys. Delivering low foam, low odor and a long running lifespan while meeting the strictest environmental regulations, HyperSol 888NXT is redefining excellence in the coolant industry. See your production soar to new heights with revolutionary TRIM HyperSol<sup>™</sup> 888NXT!

## *neo-synthetic*



*Our neo-synthetics, a revolutionary new category of fluid formulated with leading edge technology, is changing the way the industry looks at coolants.*

*Neo-synthetics keep machines running clean using the most environmentally-safe ingredients satisfying strict environmental advocates, safety professionals and demanding production managers alike.*

## **Choose HyperSol 888NXT:**

- exceptional performance on hard aerospace metals
- superior lubricity for machining softer aluminum alloys
- patented technology
- trouble-free production
- safest, environmentally-friendly ingredients
- long-running lifespan delivers high customer value
- less scrap, low foam and low odor

## **HyperSol 888NXT especially for:**

**Applications** — drilling, face milling, grinding, milling, reaming, tapping, and turning

**Metals** — aluminum, Inconel<sup>®</sup>, nickel alloys, stainless steels, steel alloys, and titanium alloys

**Industries** — aerospace, medical, and oil & gas

**HyperSol 888NXT is free of** — boron, chlorine, DEA, mineral oils, silicone, sulfurized EP additives, and triazine

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## Application Guidelines

- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at <https://www.2trim.us/distributors.php>, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

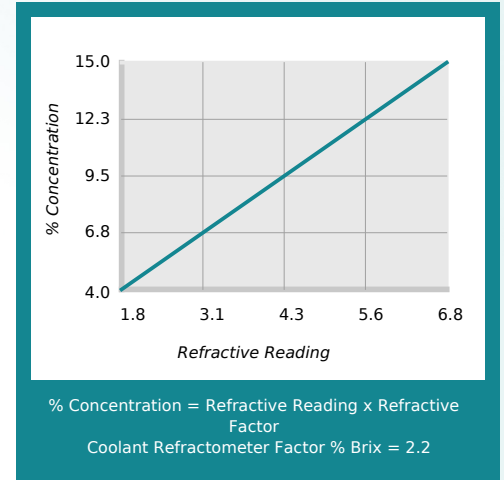
## Physical Properties Typical Data

Color (Concentrate)	Golden Yellow
Color (Working Solution)	White neo-synthetic
Odor (Concentrate)	Mild
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D92-90)	> 212°F
pH (Typical Operating as Range)	8.8 - 9.6
Coolant Refractometer Factor	2.2
Titration Factor (CGF-1 Titration Kit)	0.81
Digital Titration Factor	0.0217
V.O.C. Content (ASTM E1868-10)	69 g/l

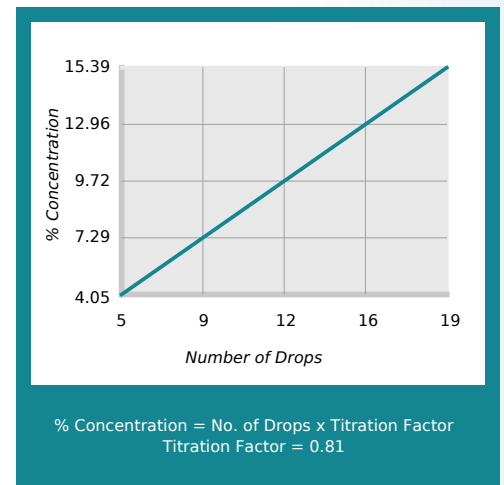
## Recommended Metalworking Concentrations

Light duty	4.0% - 7.0%
Moderate duty	7.0% - 9.0%
Heavy duty	9.0% - 15.0%
Design Concentration Range	4.0% - 15.0%

## Concentration by % Brix



## Concentration by Titration



## Health and Safety

See the most recent SDS at

<https://2trim.us/s/?i=4891-0-en-US-US>



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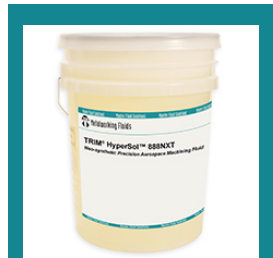


## Mixing Instructions

- Recommended usage concentration in water: 4.0% - 15.0%.
- To help ensure the best possible working solution, add the required amount of concentrate to the required amount of water (never the reverse) and stir until uniformly mixed.
- Use premixed coolant as makeup to improve coolant performance and reduce coolant purchases. The makeup you select should balance the water evaporation rate with the coolant carryout rate. Use our Coolant Makeup Calculator to find the best ratio for your machine: [apps.masterfluidsolutions.com/makeup/](https://apps.masterfluidsolutions.com/makeup/).
- Use mineral-free water to improve sump life and corrosion inhibition while reducing carryoff and concentrate usage.



1-gallon jug  
SKU: HS888NXT/1  
UPC-12: 641238080039



5-gallon pail  
SKU: HS888NXT/5  
UPC-12: 641238080022



54-gallon drum  
SKU: HS888NXT/54  
UPC-12: 641238080015



270-gallon tote  
SKU: HS888NXT/NR270P  
UPC-12: 641238080046

## Additional Information

- Use Master STAGES<sup>™</sup> Whamex XT<sup>™</sup> for a quick and thorough precleaning of your machine tool and coolant system.
- Consult Master Fluid Solutions before using on any metals or applications not specifically recommended.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Fluid Solutions, as this may reduce overall performance, result in adverse health effects, or damage the machine tool and parts. If contamination occurs, please contact Master Fluid Solutions for recommended action.
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501 West Boundary Street  
Perrysburg, OH 43551-1200  
USA

+1 419-874-7902

info@masterchemical.com

masterfluidsolutions.com/na/en-us/