

COOLANTS

Shur Cool® 4045

Heavy-Duty SemiSynthetic Metalworking Fluid

Shur Cool® 4045 is a heavy-duty semisynthetic metalworking fluid, specifically formulated for heavy machining and grinding of all metals. It is a low-foaming, clear solution that allows for optimum work-surface visibility.

Smells Like Success

Uniquely formulated to inhibit microbial growth, Shur Cool® 4045 makes tankside biocide systems obsolete — creating a more pleasant and more efficient workplace environment that improves your business image and your bottom line.

Compared To Conventional Coolants

- Saves labor associated with monitoring and replenishing a biocide system.
- Extends coolant and sump life.
- Eliminates “Monday-morning” stench.
- Delivers exceptional corrosion control, rust protection, and lubricity.



Industrial-Size Praise

The promise of eliminating coolant Odor and bacteria was intriguing, but what really convinced me to try Shur Cool® 4045 was T&L's service. I'm not just talking about sales reps. We've also had T&L's production managers and chemists all working together to solve our application issue. Combine that with the savings and product performance, and Shur Cool® 4055 is by far our best coolant value.

T.S.
Engineering Manager

Call now and see how to qualify for a FREE system charge!

800.882.5966

T & L SPECIALTY
Chemicals for Industry

300 AIR PARK ROAD · TUPELO, MISSISSIPPI 38801
662.842.8143 · FAX: 662.842.8583 · 800.882.5966
WWW.TLSPECIALTY.COM · SUPPORT@TLSPECIALTY.COM



COOLANTS

Shur Cool® 4045

Heavy-Duty SemiSynthetic Metalworking Fluid

Exceptional Coolant Performance

Shur Cool® 4045 possesses excellent antiweld and potent wetting characteristic. It provides exceptional corrosion protection, boundary lubrication and surface tension reduction, as well as seize protection at the tool/part interface.

More Pleasant Workshop Environment

Shur Cool® 4045 is highly biostable and actually more effective than biocides in terms of microbial control. Plus, it eliminates the foul odors that can make for an undesirable work environment.

It's the perfect solution for automotive and other industrial shops that are moving to ban the use of biocides for worker health reasons.

Longer Coolant and Tool Life

Shur Cool® 4045 inhibits the initial growth of microbes that degrade the coolant, whereas tankside biocide systems are often used after the fact to treat an existing microbial problem. From that standpoint, Shur Cool® 4045 extends coolant and sump component life significantly.

More Efficient Production System

Monitoring and periodically replenishing a separate tankside biocide system requires downtime that can slow production and exposes employees to toxins. Shur Cool® 4045 solves those problems by eliminating the need for biocides altogether.

Technical Data

physical Form	Clear, Amber Liquid
odor	Mild
specific Gravity	1.01
density	8.41 lbs/gal
foaming Tendency	Low
maximum Solubility	Complete
rinsability	Excellent
pH (concentrate)	10

Application Rates

Grinding	5%
Milling, Drilling, Cutoff	5 - 8%
Tapping, Milling	5 - 8%

Packaging Options

5 gallon pail
55 gallon drum
330 gallon tote tanks

Other Available TLS Products

Shur Draw® 420
Heavy-Duty semisynthetic drawing compound

Shur Cut® 429
Soluble oil for most cutting and milling operations

Shur Cool® 5010
Low-foaming top of the line synthetic coolant for steel, stainless steel and aluminium



T & SPECIALTY
Chemicals for Industry

300 AIR PARK ROAD · TUPELO, MISSISSIPPI 38801
662.842.8143 · FAX: 662.842.8583 · 800.882.5966
WWW.TLSPECIALTY.COM · SUPPORT@TLSPECIALTY.COM