



FS Kool Kut 350 MB

Extreme Duty Aerospace/ Aluminum Alloy Coolant

FS Kool Kut 350 MB is formulated to meet demands of aerospace, weapons, and automotive manufacturing environments. It also meets the challenges encountered with machining exotic alloys, stainless steels, various grades of aluminum, and other difficult materials. FS Kool Kut 350 MB has surpassed the lubricity characteristics of each competitive coolant evaluated through several comparative tests (micro tap evaluations) run. This product is an excellent choice for increasing productivity and reducing tool consumption with a chlorine and sulfur-free product.

FS Kool Kut 350 MB runs clean, while remaining bio-stable and non-staining. This product can be used for both small and large volume. It is capable of being run in hard water sources, while upholding low foaming characteristics in RO and DI water systems.

TYPICAL PHYSICAL PROPERTIES

Fluid Type:	Micro Emulsion/ Soluble
Appearance of Emulsion:	Translucent/ Tan
pH 5% in Deionized Water:	9.3
Weight per Gallon:	8.6 lbs.
Freeze Thaw Cycle:	Stable, Do Not Freeze
Rust Protection:	Excellent
Metal Staining:	1A
Foam:	Very Low Foaming
Water Dilutions:	Stable emulsions in hard, RO, or DI water
Bio-Stability:	Excellent
Chlorine Content/ Sulfur Content:	0%/ 0%
Formaldehyde Condensate Biocides:	0%
DCHA (Including Salts & Unreacted Amines):	0%

PRODUCT APPLICATIONS

FS Kool Kut 350 MB is multipurpose, achieving excellent results in a variety of cutting, drilling, tapping, reaming, broaching, and grinding operations. Best results are achieved with a minimum refractive reading of 5.0 or higher.

RECOMMENDED REFRACTIVE READINGS

Grinding:	Ref. = 5.0-8.0
Drilling/ Tapping	Ref. = 5.0-10.0
Machining:	Ref. = 5.0-10.0



STORAGE/MIXING: Coolant concentrates should be stored at room temperatures (between 55-90 deg. F). Should concentrates be exposed to temperatures out of this range, the coolant concentrate needs to be mixed well prior to use. Product may become unstable/split, if exposed to extreme temperatures. Always add coolant to water while mixing or run concentrates through a proportioning unit.

HEALTH & SAFETY: Please refer to Safety Data Sheet (SDS) for additional information.

Warranty: Because conditions of use are beyond our control no representation or warranty is made in connection with the use of this product. Technical information and recommendations are believed to be accurate but are not guaranteed.

March 9, 2016 R: Product Tech Letterhead 2016/KK 316