FS Kool Kut 925 LF

A Heavy Duty, High Performance, Synthetic Coolant

FS Kool Kut 925 LF is a heavy duty synthetic formulation utilizing unique lubricity additives. When coupled with the other high performance additives in the product, **FS Kool Kut 925 LF** is capable of replacing many semi- synthetic coolants. Thus, **FS Kool Kut 925 LF** performs across an impressive range of metals and is even utilized by many in the plastics industry. For those looking to consolidate the number of coolant types used in a shop, **FS Kool Kut 925 LF** is an excellent choice. The product also has very low foaming characteristics, rejects tramp oils very well, and is highly resistant to microbial degradation.

PRODUCT APPLICATIONS

FS Kool Kut 925 LF has proven to be very effective in ID, OD, Horizontal, and Blanchard Grinding. Depending on the temperatures generated, it may also be used in double disc grinding (if coolant temperatures in the sump are kept above 100 degrees F, additive drop out may occur). **FS Kool Kut 925 LF** is also used for milling, drilling, machining, cutting, tapping, and reaming. The following refractive readings are a recommended starting point of use (best results are achieved when the refractive index is kept above 2.0).

TYPICAL PHYSICAL PROPERTIES:

Fluid Type:	Synthetic Coolant
Appearance of Dilution:	Amber
pH 5% in Deionized Water:	9.2
Flash Point, C.O.C.:	N/A for Dilution
Freeze Thaw Cycle:	Stable
Rust Protection:	Excellent, even at 30:1
Metal Staining:	Safe on Ferrous & Non-Ferrous Metals
Plastic Deformation:	Does Not Deform Plastics
Foam Control:	Product is very low foaming in all water sources
Odor:	Mild, pleasant smell
Water Dilutions:	Stable dilutions in hard, RO or DI water

RECOMMENDED REFRACTIVE READINGS:

Grinding:	Ref. = 2.5-3.5
Drilling/ Tapping:	Ref. = 3.0-5.0
Machining:	Ref. = 3.0-5.0

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 AND SAFETY: Refer to Safety Data Sheet for more information.

July, 2015
R: Product Tech Letterhead 2015/KK 925