

Harkool SSA

Product Datasheet

Description

Harkool SSA has excellent bio – stability, rust protection and anti-foaming property. It performs excellent for medium to heavy duty operations. This is specially recommended for Aluminium jobs. The interaction and synergy of this chemistry creates superior lubricity, cleaning action, corrosion, and microbial life protection. The combination of these features provides benefits such as improved productivity, tool life, surface finishes and sump/system life.

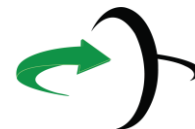
Typical Characteristics

Properties	Results
Appearance	Yellow
Specific gravity @ 29.5°C	0.935
pH of 5% in DI Water	9.5
Emulsion stability 1:10 solution in DM & 400 ppm Hard water	Stable
Refractometer reading 1:20	3.5 to 4.0

Features & Benefits

	Features	Benefits
Performance	<ul style="list-style-type: none"> High Lubricity Most Efficient Less heat generation due to low friction (ΔT min 2) Highly stable long solution life Noncorrosive Multi-machine, Multi-application (Aluminium & its alloy) Cleans as it machines 	<ul style="list-style-type: none"> Longer tool life, Faster cut speeds, reduced drag out Lower energy/power consumption superior surface finish, Tighter tolerances Less consumption, less downtime capital equipment longevity Reduce operational complexity Reduce manufacturing steps
Safety	<ul style="list-style-type: none"> Safe, Non-Toxic, oil-free Does not support microbial growth No odours/fumes No smoking/Non-flammable 	<ul style="list-style-type: none"> Better indoor quality Better work environment Does not cause dermatitis or respiratory illness No fire hazard

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Harkool SSA

Application

It is recommended to use for low to heavy duty applications like Drilling, Milling, Reaming, broaching, tapping, grinding application only on aluminium & its alloy.

Operating Conditions

Temperature	Ambient
Concentration	4 to 12%*
pH @ 29.5°C	9 - 10
Water TDS	0- 800 ppm

*Vary for different operations

Solubility: When mixed with water, it forms a translucent emulsion.

Storage: Store at (34 to 122°F/1 to 50°C) dry place and away from sunlight in original packaging for up to 1 years from the date of shipment.

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