

## **Aerosaf DHB**

AeroSaf DHB is a premium quality, high-performance deep hole boring fluid designed for hard to machine materials such as high alloy steels and aerospace alloys including titanium. It provides class leading cooling and EP performance.

### **FEATURES & BENEFITS**

- ✓ Chlorine free
- ✓ Complies with aerospace industry requirements
- ✓ Long term stability and cleanliness
- ✓ Almost odourless
- ✓ Low misting/fuming
- ✓ Hazard label free
- ✓ Manufactured from biodegradable base stock
- ✓ Up to 30% more efficient in use compared to products produced on traditional base oils
- ✓ Safran Approved (PCS 4001)



### **DESIGNED TO GIVE OUTSTANDING PERFORMANCE**

AeroSaf DHB is mineral oil free, being based around the highest quality synthetic hydrocarbon base stocks. It is therefore inherently resistant to oxidation and thermal degradation which can result in the formation of sticky deposits and varnish. Product life is thereby extended while ensuring cleanliness and efficient swarf removal.

### **MULTI PURPOSE AS STANDARD**

AeroSaf DHB provides excellent performance in a range of severe metal removal operations and is also suitable for use with other materials including most yellow metals and aluminium alloys. The use of micro tapping torque test equipment with Ti6Al4V titanium alloy specimens together with other in house tests has been used to ensure the effective performance of the additive system compared to traditional chlorine based technology.

### **TYPICAL PHYSICAL PROPERTIES**

Appearance	Amber Liquid
Odour	Low Odour
Solubility in water	Insoluble
Flash Point (Cleveland Open Cup)	>200 degrees
Viscosity @ 40 degrees	15 cst
Specific Gravity	0.84 Typical
Copper Staining 3 hours 60c	1a
Aluminium Staining 3 hours 60c	None