



Hales AD1500 is a high performance semi synthetic metalworking coolant designed for the machining of aluminium, steel, copper and brass. It has been formulated for use in soft water as well as hard water, and exhibits low foam and excellent stability under a wide range of conditions. Hales AD1500 offers excellent surface finish and extended tool life, even in difficult operations. Excellent corrosion protection, non-staining to ferrous materials and to aluminium and alloys.

Product Code	Description	Pack Description
HALESAD1500-020	Hales AD 1500	20L Pail
HALESAD1500-200	Hales AD 1500	200L Drum

HALES METALWORKING FLUIDS

Synthetic Metal Working and Grinding Fluid - HALES ULTRA 990



Hales Ultra 990 is a chlorine and nitrite free, synthetic coolant, specially designed for light to medium duty cutting and grinding of ferrous and non-ferrous metals. It offers improved performance in applications where conventional synthetic coolants are often used, providing enhanced grinding performance, excellent cleanliness, and providing the machining performance to extend its use to most grinding and general machining operations, on cast iron and low to medium tensile steels, aluminium alloys and copper alloys.

Product Code	Description	Pack Description
HALESULTRA-20	Hales Ultra 990	20L Pail
HALESULTRA-200	Hales Ultra 990	200L Drum

HALES METALWORKING FLUIDS

CNC Machine System Cleaner - HALES MTC50



Hales MTC50 is specially formulated to deal with the range of contaminants in machine tool systems, using water based coolants. Regular use of MTC50 at fluid changeover time is highly recommended, as the adoption of the simple clean out procedure dramatically reduces coolant related problems, and ensures maximum coolant life. MTC 50 is easy to use, with minimum disruption to production, being added direct to the coolant system whilst still in operation.

Product Code	Description	Pack Description
HALESMTC50 05	Machine/System Cleaner	5L Pail
HALESMTC50 20	Machine/System Cleaner	20L Pail

HALES METALWORKING FLUIDS

Evaporating Stamping Fluid - HALES EVAP-LUBE



Hales Evap-Lube is a low viscosity evaporative stamping fluid. Its prompt evaporation characteristics result in the manufacture of clean components which will accept welds, allow for adhesion of paint to processed parts and leave virtually no residue to react with other processing chemicals.

Applications: Suitable for light duty blanking, stamping, shallow drawing and forming, is a non-corrosive and non-staining to aluminium, copper, steel and their alloys. Suitable materials: aluminium, mild steel, brass, galvanised sheet, copper and painted stock.

Product Code	Description	Pack Description
HALESEVAPLUBE 20	Evaporating Stamping Fluid	20L Pail
HALESEVAPLUBE 200	Evaporating Stamping Fluid	200L Drum