

CRYOCUT® SYN 290

HIGH PERFORMANCE HYPER SYNTHETIC



Performance Delivery

CRYOCUT® SYN 290 exceeds the needs of the Australian machine shop where one fluid is preferred and used on multiple applications, materials and machine types. CRYOCUT® SYN 290 is a completely clean running synthetic where non oil cleanliness meets high performance extreme pressure additives synergising "new age" raw materials and additives improving cut-zone tool life and sump life. Industry leading formulation "drops out" ferrous chips keeping the circulating mix clean.

High performance Corrosion control - Protects high cost capital equipment/high speed spindles and precision ground surfaces, tooling including back end tooling adapters, jigs/fixtures and the machined component from corrosion.

Operator friendly - raw materials and additives selected to minimise skin irritation, low misting, low depletion rates whilst still delivering the required cut zone performance. Complete cut zone visibility in machine

Foam is minimised with the use of high performance additives selected to target foam in high pressure, low water hardness applications - nil foam even in zero hardness water

High performance Microbial/Bacterial Control package to extend sump life and all round cleanliness to deliver operator acceptance and hyper machine tool sump life. Completely clean running inhibiting all microbial growth

NOTE - FOR THE ABOVE PERFORMANCE THE FLUIDS CONCENTRATION NEEDS TO BE MAINTAINED @ 5%-10% = 2% - 4% ONLY ON REFRACTOMETER @ 2.6 refractometer factor

Machine Types

Turning, Milling, Drilling, Grinding, Sawing (Band, circular, reciprocating)

Material Types

High performance extended tool life lubrication on ferrous, Cast Iron, High Alloy Steels incl Bisalloys®, High Speed Steels, Stainless Steels,

Physical / Chemical Detail

Refractometer Factor :	- 2.6
Colour Concentrate/Mix@ 8% :	- Oil colour / clear - transparent
pH, 5.0% mix typical operating / Concentrate :	- 8.8 / 9.2
Mineral Oil containing	- No



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For additional information refer to CRYOCUT SYN 290

Disclaimer: Under no circumstances, shall we or any affiliate of ours have any liability whatsoever for loss of use, or for any indirect or consequential damages. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.

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