

ATLAS NEAT CUT (Non-Soluble Cutting Oil)

PRODUCT DESCRIPTION

ATLAS Neat Cut Non-soluble cutting oil is an essential lubricant in metalworking. It provides excellent lubrication, cooling, and corrosion protection. This oil does not emulsify with water, ensuring consistent performance. Its high lubricity and anti-wear properties prolong tool life and improve surface finish. It's a vital additive for metal cutting processes.

FEATURES AND BENIFITS

- Highly fluid oil offering excellent cooling properties,
- Very good lubrication, Smoothest out the abrasion of the sharpest projections in order to obtain absolutely “polished” surface finishes.
- Excellent detergent properties: Prevents tool fouling.
- Excellent anti-wear properties,
- Good extreme pressure properties,
- Prevents the formation of oil mists.

TYPICAL CHARACTERISTICS

Properties	Units	Methods	Neat Cut I	Neat Cut II
			Values	Values
Appearance	-	Visual	Clear	Clear
Relative Density @ 15 °C	g/ml	ASTM 1298	0.864	0.870
Kinematics Viscosity @ 40 °C	c.St	ASTM D445	32	22
Viscosity Index	-	ASTM D2270	105	105
Flash Point	°C	ASTM D92	210	210
Pour Point	°C	ASTM D97	-12	-12

The typical characteristics mentioned represent mean values.

SAFETY, HEALTH & ENVIRONMENT

Atlas NEAT CUT unlikely to have any significant health or safety hazard when properly used in recommended application and follow good standards of personal hygiene.

Avoid prolong contact with skin. Use impermeable gloves while handling oil. After skin contact, wash with soap and water.