



**ITEM: ECOSYNTH 1-6**

ECOSYNTH 1-6 is a latest generation neat machining oil formulated using renewable plant sources, suitable for grinding and lapping steel, hardened steel, HSS and solid carbide.

ECOSYNTH 1-6 is a neat machining oil that has been developed for heavy duty grinding and lapping. It is plant based, which means that it has excellent biocompatibility.

ECOSYNTH 1-6 has been formulated for customers who require a neat machining oil with high performance lubrication and cleaning properties that also takes health and safety properties into account.

**ADVANTAGES:**

- Excellent cleaning action on diamond wheels
- Easy micro-scrap removal
- Recommended for high speed machining
- Excellent when machining produces high temperatures
- Formulated for heavy duty of grinding of hard metals
- First choice for lapping



Tech. Code	Quantity L	Appearance	Viscosity at 40°C ASTM D445 cSt	Density DIN 52757 kg/L	Flash point ASTM D92 °C	Storage temperature °C	
H116020	20	Straw yellow	6	0.890	>170°	from 10 to 40	1
H1160200	200						

APPLICATION	INOX	P <850	P <1200	Al	Mg	Cu	Ti	HSS	MDI
Grinding	●●	●●●	●●●	●●	●	●	●●●	●●●	●●●
Lapping	●●	●●●	●●●	●●	●	●	●●●	●●●	●●●
Turning, milling	○	○	●	●●	●●	○	○	○	○
Drilling	○	○	○	○	○	○	○	○	○
Boring, threading	○	○	○	○	○	○	○	○	○

○ = not suited ● suited ●● recommended ●●● excellent

The characteristics chemical and physical listed in the chart are not a sales specification under any circumstances for the manufacturer or producer.