

OPTIMUS NEAT CUTTING OIL

PRODUCT DESCRIPTION:

Optimus Neat Cutting Oil is formulated from high quality base oils and combination of passive and extreme pressure additive package especially developed for cutting oils used in severe operations. This cutting oil is extremely effective at providing rust and corrosion protection of parts, cutting tools and the machine.

APPLICATION:

Neat Cutting Oil is multipurpose, neat cutting oil for turning, milling, reaming, drilling, shaping, broaching of wide variety of metals. It is a neat cutting oil dedicated to both ferrous and non-ferrous metals. Widely used on cutting operations on hard and very hard steels (bearing steels), on special, stainless and refractory steels (NIMONIC and VASPALLOY) and on titanium alloys (aviation and medical applications). It can also be used on low carbon steels and copper alloys. Machinings lubricated : turning, screwcutting, milling, threading, tapping, sawing, deep drilling.

FEATURES & BENEFITS:

- Very good antiwear and extreme pressure performances that increases the tool lifetime, prevents ridging, and very good surface finish
- Very good behaviour on a large scale of cutting parameters.
- Low treatment cost (swarf, diatomated earth, chip treatment).
- Low mist oil formation which improves the work conditions.

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	Optimus Neat Cutting Oil
ISO VG Grade			22
Appearance	-	-	Clear Liquid
Color	ISO 2049	0 to 8	3.5 (dark brown)
Odour	-	-	Slight
Kinematic Viscosity @ 104°F /40°C	ISO 3104	cSt	22
Density	ISO 3675	kg/m ³	848
Copper Corrosion	ISO 2160	-	3b

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.lubrex.net