Synergy NCO Coolube

Neat cutting oil

NCO Coolube is a premium quality, heavy duty neat cutting oil. The oil is manufactured from blends of solvent refined mineral HVI base-stocks and selective extreme pressure non-staining additives.

Coupled with balanced R & O characteristics, NCO Coolube is designed especially for use in medium and high severity cutting operations.

APPLICATIONS

- Machining operations on metal and alloys
- Gear cutting
- Tapping and threading
- Deep hole drilling and form grinding
- Broaching
- Metal drawing and stamping operations
- Not recommended for use in machining yellow metals due to risk of staining and wear

BENEFITS

- Excellent metallic surface finish due to non-staining additive package
- Superior Cutting Efficiency at greatly increasing speeds (RPM) and feed rates
- Longer tool life due to superior cooling effect & EP properties
- Excellent cooling properties drastically reduce the probability of overheating and ‘blueing’ of metal parts and the chips
- Better protection of the work-pieces, tools and machines

KEY PROPERTIES

ISO VG Grade			22	32
Flash Point COC °C		ASTM D92	205	218
Pour Point, °C		ASTM D97	-6	-6
Viscosity	mm2/s @40°C	ASTM D445	21.8	30.6
	mm2/s @100°C	ASTM D455	4.41	5.34
Viscosity Index		ASTM D2270	112	107
Density (kg/L) @15.6 °C		ASTM D1298	0.870	0.876

ENVIRONMENTAL, HEALTH & SAFETY

Environmental, Health & Safety Information of this product is available in Synergy Material Safety Data Sheet (MSDS). Customers are encouraged to review this information, follow precautions and comply with laws and regulations consuming product use and disposal. To obtain MSDS for this product, please contact Synergy Lubricant Technology Department.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variations not exacting performance can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.