



Synercut™ 32 Max New Generation Inactive Cutting Oil



WHAT IT DOES:

Commonwealth Oil's **Synercut™ 32 Max Multi-Purpose Oil**, a non-chlorinated inactive sulphonated cutting oil, will give superb performance for use as a heavy duty machining oil, rust inhibitor and lubricant. This new generation fluid was specifically engineered to overcome the cost of disposal and the hazardous liabilities related to the older sulfo-chlorinated cutting fluids.

Synercut™ 32 Max will give you superior tool life, surface finish, rust and oxidation protection and "more parts in the pan".

WHERE TO USE IT:

- All screw machines
- General purpose lubrication
- Milling, drilling & boring
- Gun drilling
- High SFM
- Form tapping & threading
- Thread rolling
- Hard to machine alloys
- Tapping & thread cutting
- Broaching & reaming

PERFORMANCE BENEFITS:

- Recommended for high heat, high speed (spindle speed rpm) applications
- Excellent performance reported on non-leaded and alloy steels
- Non-corrosive and non-staining towards copper, brass and aluminum
- Increased production rates "more parts in the pan"
- Excellent protection against rust and wear oxidation
- Tool life improvements – 50% plus reported even when cutting difficult to machine metals
- Enhances cleanability of parts due to < 2% "drag out" of oil on parts



Safety & Plant Maintenance:

- **Contains no chlorinated products or naphthenic oils.** You eliminate any legal liability associated with employee exposure to the dangers of chlorinated paraffins.
- **Reduce misting** results in cleaner air for the workers to breathe.

Economics:

- **Consumption of oil can be cut by 50%** due to reduced contamination of hydraulic oil into cutting oil as well as lowering the amount of oil left on the part after machining.
- **Pricing comparable** to older technology single use cutting oils.

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TECHNICALLY SPEAKING:

Test	Synercut™ 32 Max
Viscosity: cSt @ 40°C	32
Flash Point, COC °C (°F)	> 188 (> 370)
Pour Point °C (°F)	-10 (4)
Sulfur, Active	<0.15%
Fat	> 3%
Chlorine	None
Copper Corrosion	1B
Falex E.P. Lbs. (ASTM D-3233)	4500+
Anti-Mist	Yes
Gravity, API	25
Density, lbs./US Gallon	7.5
Specific Gravity	0.899

These are typical figures and do not constitute a specification.

If stored below 4.4°C (40°F), stir product before using.

Handling & Safety Information

For information on the safe handling and use of this product, refer to the Material Safety Data Sheet obtainable from Commonwealth Oil Corporation.



Available in Pails, Drums and One-Way Bulk Containers

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