



United Oil

PERFORMANCE • VALUE • RELIABILITY

UNINET SFO 704

UNINET SFO 704 is a very light viscosity Super Finishing Oil formulated to offer extra fluidity to ensure excellent flushing action and removal of any material which may cause stone glazing in the honing and grinding processes. It is free of sulfur and chlorinated paraffin, and is fully compliant with RoHS requirements.

UNINET SFO 704 offers superior surface texture finishing capabilities when used with steels and alloy steels, aluminium as well as tungsten carbide. It can be used in honing processes for electronic, aeronautical and medical parts where precision is of utmost priority. The oil is also suitable to be used on various external and profile grinding process.

Blended from high quality transparent hydrocracked baseoils and an ester-based lubricity agent, UNINET SFO 704 is to be used as obtained without further dilution.

APPLICATIONS / BENEFITS

- Excellent flushing ability due to low viscosity properties.
- Extends grinding and honing stone life.
- High surface finish (no microcracks) and dimensional accuracy.
- Suitable for honing and grinding of all materials, particularly aluminum and tungsten carbide.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Specific Gravity @ 15 °C	ASTM D 4052	0.8616
Flash Point, °C	ASTM D 92	135
Kinematic Viscosity @40°C (cSt)	ASTM D 445	5
Color	ASTM D 1500	<0.5
Copper Corrosion, 3h/100°C	ASTM D 130	1a

Product Data Sheet