



MUXXOL S Cut Semi Synth 4050

PRODUCT DESCRIPTION:

MUXXOL S Cut Semi Synth 4050 is specially formulated semi synthetic water miscible metal working fluid with high oil content for machining of steel and its alloys. This product designed to offer good lubricity, highly stable emulsion, bio-resistant and anti-foam characteristic during intended applications.

MUXXOL S Cut Semi Synth 4050 can be used on all types of components for general machining and grinding operations of cast iron, carbon steel, steel alloy and grey iron. This product is designed for light to medium duty application not recommended for the aluminium machining application.

FEATURES AND ADVANTAGES:

- Recommended for a wide range of machining operations.
- Grinding: 2-3%, General Machining: 6- 8 %, Lapping: 8-10%.
- Best concentration for specific operations shall be determined during on-site trial in consultation with technical service person.

MIXING INSTRUCTION:

- Add oil into water (DM/DI) with constant stirring. Not the reverse.
- Use clean and dedicated pump to transfer the material from barrel.
- Remove tramp oil and top up the premixed emulsion.
- Clean thoroughly and sterilize the coolant sump before every fresh charge of emulsion.
- Actual Concentration = (RI Factor X RF observed value)

TYPICAL SPECIFICATION:

PROPERTIES	TEST METHOD	TYPICAL VALUES
#Concentrate Appearance	VISUAL	Yellow to Amber brown liquid
PH - 5% Emulsion in Water	VIHTM	9.65
*5% emulsion in DM water- Appearance	Visual	Translucent milky emulsion
RI, Correction Factor	VIHTM	1.5
Corrosion Break point, %	IP287	3.0
Thermal Stability Test (0°C – 50°C)	VIHTM	Passes
Emulsion Stability @ 5% in 800 ppm Water	VIHTM	Passes

-Pertaining to base oil used in the product

HANDLING AND STORAGE:

Handling: Use oil resistant gloves & wear safety goggles.

Storage: Store in a cool, dry, well-ventilated place and away from direct sunlight. Store away from all incompatible materials. Keep containers closed when not in use.

Shelf Life : One year from the date of manufacture, if the product is stored in the original container, unopened and dry, in a well-ventilated location.

PACKING: **MUXXOL S Cut Semi Synth 4050** is available in 20 ltr and Plastic containers and 210 ltr HDPE barrel .

- **India office (licensee) :** Plot No.S3 & S4, TSIIIC, Autonagar, Hyderabad – 500070.
- **Germany Office :** Muxx Oil GmbH, Frankenhauser Str. 15, 12249 Berlin, Germany.
- **Taiwan office :** Muxx Oil GmbH 3F, No.215, Zhongzheng Rd. Shulin Dist. New Taipei City, Taiwan.
- For further information please email us on info@muxx.in