

SAFKOOL 6910 GV

Vegetable Ester Based Synthetic Metal Working Oil

DESCRIPTION

SAFKOOL 6910 GV is a high-performance water-soluble cutting oil based on synthetic vegetable esters. The product has an innovative and advanced bio stabilaziation additive package which makes it highly resistant to microbiological attacks. Safkool 6910 GV is suitable for machining of ferrous and non-ferrous alloys. Safkool 6910 GV is free from chlorine, boron and secondary amines. The product can be used for single sump machines as well as centralized coolant systems.

RECOMMENDED APPLICATIONS

SAFKOOL 6910 GV is a vegetable esters based synthetic metalworking fluid, designed to provide excellent machining performance with good surface finish and low misting parameters at recommended concentrations.

SAFKOOL 6910 GV is free from chlorine, nitrites, formaldehyde-releasing amines and boron. It has advanced bio stabilizing additive package that provides stable emulsion parameters and improves sump life. The product technology provides excellent anti-corrosion properties, low foam and improves overall operational costs. The product can be used upto moderately hard water conditions.

SAFKOOL 6910 GV can be used for medium and heavy duty machining & grinding as well as center less grinding application for ferrous metallurgies. It is advisable to check the compatibility of the alloy before use.

The product is not recommended for Aluminum and yellow metals.

Applications: General machining, heavy-duty machining, grinding, centerless grinding.

ADVANTAGES

- Free from chlorine, boron and formaldehyde release agent.
- Bio stable pH emulsion.
- Reduced misting.
- Reduction of tools wear.
- Excellent corrosion protection.
- Recommended for central systems and individual sumps.
- Suitable for soft and moderately hard water hardness.

TECHNICAL INFORMATION

CHARACTERISTICS	METHOD	UNIT	SAFKOOL 6910 GV
Appearance concentrate	Visual		Amber
Density at 20°C	ASTM D7052		1.025
pH at 5%	NFT 60-193		9.4
Breakpoint corrosion	IP 287	%	3
Water hardness range recommended		ppm	0 - 600
Refractometer factor	M15		1.96

**The specifications mentioned above are as per general test conditions. They may vary under different conditions

RECOMMENDED APPLICATIONS & DILUTIONS OF USE

- General machining of iron and steel : 4 - 6%
- Heavy-duty machining : 5 - 7%
- Tapping/ Threading : 5 - 8%
- Reaming/ Sawing : 6 - 8%
- Grinding : 4 - 6%

The refractometer reading must be multiplied by the refractometer factor to arrive at the real concentration.

HEALTH AND SAFETY

- Free from formaldehyde-releasers, secondary amines, boron or chlorinated paraffines.
- Good dermatological behavior and easy to use.
- Recommended storage environmental temperature: 5 - 40°C / 40 - 105°F.

INSTRUCTIONS

Before first fill, it is advisable to thoroughly clean the equipments with an machine and tank cleaner such as **MT SYSTEM CLEANER**. Drain and rinse the system with water.

If no volumetric mixing system is available, slowly pour **SAFKOOL 6910 GV** into the water while stirring continuously to achieve a correct preparation of the emulsion.

Keep the container / drum sealed to avoid product deterioration. Store in a cool, dry place, avoid direct sunlight, water ingress and frost exposure.

To ensure the best quality of emulsion and maximize fluid efficiency, consult the **technical service team**.

SERVICE AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and in-use monitoring of your lubricants. Please contact your technical sales representative

IMPORTANT NOTICE

All information and rules about health, safety, and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures, and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment.

Our product contains natural additives which are likely to modify the color of the concentrates without altering their performance. The specifications of our products are definite only at the time of order and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary. The safety data sheet of this product is available at www.motul.com