

Change the installation procedure of CMZ900 gyrosphere (adding DEFOAMER to the Supporting liquid.)

In order to improve the performance of CMZ900 Gyrocompass, we decided to use Defoamer to the Supporting liquid. With this document, we would like to introduce and explain how to use them.

1. Introduction

In some New building, the heading error occurred after gyro heading stable.

With regard to our Investigation we discovered bubbles appearing and adhering to the surface of the Lower Container, which we suppose is the cause of the problem.

Firstly, we improved surface of the container to let the bubbles out into the air smoothly. In addition, we decided to add below Defoamer to the liquid in order to restrain the appearing of bubbles.

Important : Use only for MKT007. Do not use for KT005.

MKT007



KT005



2. Defoamer

Part number : V8123ZW

Part name : Emulsion Defoamer

Manufacturer : Shin-Etsu Chemical Co., Ltd.

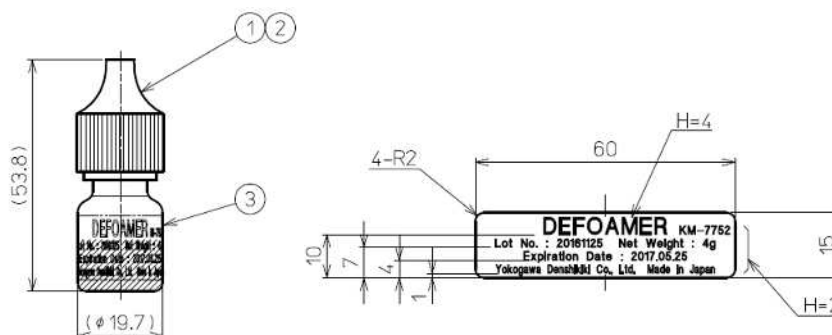
Name at Manufacturer : KM-7752

Chemical name : Silicone resin,
Emulsifying agents etc.
Water

Effect : let the bubbles out into the air from liquid
and restrain the appearing of bubbles.

Volume : 4.0g /bottle

1 bottle 4.0g, usually use about 0.1g per 1 time, so 1 bottle can be used up to 40 times.



YDK will provide further information about handling, distribution and etc. for the Defoamer.

3. Adding procedure of Defoamer

1) Necessary material

Supporting liquid 1.0 litter (V8114ML), Defoamer (V8123ZW)

Defoamer (V8123ZW)



The supporting liquid 1.0L

2) Compounding



Shake the dropper bottle with Defoamer by hand.



Add 7 drops of Defoamer into the 1.0 liter of Supporting liquid.
Do not pinch the dropper bottle too hard otherwise it will come out too much.

3) Mix Defoamer and Supporting liquid

Close the bottle cap.

Then repeat Upside down for at least 5 times to mix.

Then, confirm that liquid color changes to faint milky white.

Use that Supporting liquid as usual after this procedure.



4. NOTE

- Add and mix the Defoamer in the Supporting liquid JUST BEFORE using or exchanging the supporting liquid.
- Do not use to gyrocompass with KT005.
- **Mention “Using Defoamer” and “Lot No.” in your service report.**