

## TECHNICAL DATA SHEET HYDRAULIC SEALANT IT142

### DESCRIPTION

Hydraulic Sealant is a single component anaerobic product suitable for threaded metal parts against loosening from shock and vibrations. Product cures spontaneously and rapidly when confined in absence of air between

close fitting metal surfaces with small gap fill. It seals and blocks all kind of bolt connections. A sealant for threaded pieces for hydraulic and pneumatic plants, resistant to aggressiveness of oils. Middle to de-install.

### PROPERTIES OF UNCURED MATERIAL

Nature: methacrylic resin

Appearance: Brown

Viscosity: 600-800 mPas

Specific gravity: 1,6

Flash point: 110°C

### INFORMATION ON POLYMERISATION

The speed of cure will depend on two main factors: kind of materials, ambient temperature. The graph below shows the strength developed with time on some kind of metal. The different materials have been tested according to ISO 10964. The speed of cure will depend on ambient temperature. The right temperature range of cure is from +20°C to +25°C. Low temperature from +5°C to +20°C reduce speed of reaction, higher temperature will increase the speed.

### FEATURES OF CURED PRODUCT

The following data have been referred to test carried out at 22°C, after 24 hours.

Breakaway torque	ISO-10964	N.m 20/30
Prevail torque	ISO-10964	N.m 15/25
Temperature strength	°C	-50°C a +150°C
Max Gap Fill	mm	0.15

### CHEMICAL RESISTANCE

Test method DIN-54454

Breakaway torque % after immersion:

	T °C	100 h	500 h	1000 h
Water/Glycol	85	90	85	80
Brake Fluid	22	95	90	85
Motor Oil	125	95	90	90
Acetone	22	100	90	90

### GENERAL INFORMATION

For use this product in metal/plastics assembling, the compatibility of materials should be tested. Not recommended for use in oxygen facilities and as sealant for strong basic or oxidising agents. For best performance surfaces should be clean and free of grease. Apply the product on the whole busy surface. Shut completely the parts. This product performs better on push-fit assemblies. On difficult metallic surfaces use the product in combination to the activator. Shelf life at least 12 months from +5°C to +28°C. The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others whose methods we have no controls. It is the user's responsibility to determine suitability of features of the products related to their own production process and

to adopt such precaution for the protection of person against any hazards that may be involved in the handling and use.

#### **PRESENTATION**

Bottle 50ml.      10 Units/box

#### **RECOMMENDATIONS OF MANAGEMENT RESIDUES**

Recommending for reason at the content of recipient, to deliver this recipient at a management residues person authorized for its destruction or its recuperation, as well as anything element to throw out that it was with contact with this product.

#### **NOTE**

The information supplied in this Specification Sheet is of general type following our experience. We cannot take responsibility by an inadequate use of the product.