

## Valvoline Performance Products – Tectyl

Version: TE009/02

### Tectyl™ 858-F

**Premium synthetic based, water-resistant, multipurpose grease and corrosion preventive compound.**

Tectyl 858-F is a homogeneous NLGI Number 2 consistency grade multipurpose grease and corrosion preventive compound.

Tectyl 858-F can be used for lubrication and surface corrosion protection of industrial and automotive equipment operating over the temperature range of  $-54^{\circ}$  to  $180^{\circ}\text{C}$ .

Tectyl 858-F gives a greasy, amber and transparent film.

#### Approvals/Performance levels

##### Tectyl 858-F

##### Classification

DIN 51 502

ISO 6743

KPHC2N-55

ISO-L-XEDIB2

NLGI Grade (ASTM D217): Number 2

#### Applications

##### Surface preparation:

The maximum performance of Tectyl 858-F can be achieved only when the metal surfaces to be protected are clean and dry.

##### Application

Tectyl 858-F may be used in applications where NLGI Number 2 consistency grease with oxidation resistance and corrosion preventive properties is required.

Tectyl 858-F is not intended for use on machinery that comes in contact with food.

Apply Tectyl 858-F between  $-18^{\circ}\text{C}$  and  $+49^{\circ}\text{C}$  by hand, grease gun, or pump.

#### Features & Benefits

##### **Excellent low temperature performance**

Tectyl 858-F is a modern high performance synthetic product suitable for both industrial and automotive applications and in centralized lubrication systems operating at low temperatures.

##### **Good corrosion protection**

The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

##### **Very good mechanical stability**

The special low viscous synthetic oil gives the product very low starting and running torques making it suitable for low temperature applications.

##### **Suitable for high speed applications**

The grease is also suitable for bearings operating at high speed.

**Tectyl™**  
PROTECTIVE PRODUCTS

# PRODUCT INFORMATION



## Trusted since 1930

Since 1930, Tectyl™ protective coatings have been extending the operational life of cars, trucks, buses and other vehicles and equipment. The Tectyl name is synonymous with quality coatings that are easy to apply, long-lasting and easy to remove when no longer required.

For more information on Tectyl products, programs and services please visit [www.tectyl-europe.com](http://www.tectyl-europe.com)

## Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Tectyl specifications, variations in these characteristics may occur.

Tectyl 858-F	
Dropping point [°C]	243
Temperature range [°C]	-54 to +140 Max +180
Four-ball weld load (DIN 51350:4) [N]	3800
Water resistance (DIN 51807/1)	1-90
Water washout 1h at 80°C (ISO 11009)	4%
Oil separation 168h at 40°C (IP 121)	4%
Four-ball wear scar (1h at 400N) (DIN 51350:5) [mm]	0,6
Density at 20°C [kg/ltr]	0,87
Worked Penetration [mm]	265 - 295
Oxidation Stability @ 99°C (ASTM-D942)	Very good
Corrosion tests (ISO 11007 mod)	
Rust protection, Water	0-1
Rust protection, Salt Water	2-3
Copper Corrosion (ASTM-4048)	1b

**This information only applies to products manufactured in the following location(s):  
Europe**

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## Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://sds.valvoline.com>

## Protect the environment

Comply with local regulations. Comply with local regulations. Do not discharge into drains, soil or water.

## Storage

Due to its composition Tectyl 858-F can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 858-F is best before 24 months after production date.

## Caution

Adequate ventilation is required for cure and to ensure against formation of combustible liquid. THE PARTIALLY CURED FILM SHOULD NOT BE EXPOSED TO IGNITION SOURCES SUCH AS FLARES, FLAMES, SPARKS, EXCESSIVE HEAT OR TORCHES. Refer to The Safety Data Sheet for additional handling and first aid information.

## Note

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus affecting the performance of this coating as stated in the Typical Properties section. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

Replaces – TE009/01

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