

广州孚润 400-992-6811

® = registered trademark of BASF SE

Emgard® RW-B 75W-90

Synthetic Gear Fluid for Railway Applications

Description

Emgard® RW-B 75W-90 is a high-performance gear lubricant designed for extended drain service, improved heat management and gearbox efficiency. With an extremely low pour point and high viscosity index, this lubricant provides excellent performance over a broad temperature range. Furthermore, Emgard® RW-B 75W-90 resists oxidation; it will last significantly longer than conventional gear oils.

Application

Emgard® RW-B 75W-90 is recommended for applications where low temperatures present major problems. These applications include final gear drives and differentials in railway applications such as trams, metro, local and high-speed trains.

Features and benefits

- Very good low and high temperature behavior
- Oil sump temperature reduction
- Good gear protection against scuffing, pitting and micro-pitting
- Extended drain intervals for less oil disposal
- Reduced maintenance and down time

Approvals

- Chongqing CAERI
- CSR Qishuyan
- Henschel
- Siemens / Flender TA 7302
- ZF Highspeed Trains

Quality Level

- Voith 132.00374401

Typical properties

Properties	Unit	Typical value	Method
SAE Class		75W-90	SAE J 306
Density at 15 °C	kg/m ³	864	ASTM D 1298
Viscosity Index	–	169	ASTM D 2270
Viscosity at 100 °C	mm ² /s	15,2	ASTM D 445
Viscosity at 40 °C	mm ² /s	95,4	ASTM D 445
Viscosity at – 40 °C	cP	< 60.000	ASTM D 2983
Flash point	°C	>200	ASTM D 92
Pour point	°C	-54	ASTM D 97
Foam	Seq. I	10 / 0	ASTM D 892
	Seq. II	50 / 0	
	Seq. III	10 / 0	
FZG A10/16,6R/90	FLS	>12	CEC L-84-02
FZG S-A10/16,6R/90	FLS	>10	FVA 243

Storage and Stability

The product in original package can be stored at least 3 years at ambient storage conditions and temperature without any deterioration.

Safety

When using this product, the information and advice given in our **Safety Data Sheet** should be observed. Due attention should also be given to the **precautions** necessary for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

04-2017

North America:
BASF Corporation
100 Park Avenue
Florham Park
NJ 07932
USA

South America:
BASF S/A
Av. das Nações Unidas 14171,
Morumbi
04794-000 Sao Paulo, SP
Brazil

Asia Pacific:
BASF East Asia Regional
Headquarters Ltd.
45/F, Jardim House,
1 Connaught Place, Central
Hong Kong

Europe:
BASF SE
Fuel and Lubricant Solutions
67056 Ludwigshafen
Germany
www.basf.com/lubes