



## Technical Data Sheet

# EUBUSH

## *Lubricant for Industrial Gears*

Extreme pressure oils E.P. high quality designed specifically for the lubrication of industrial gears subject to severe loads. The outstanding anti-wear properties and anti-friction offer superior performance on the gears, compared to conventional lubricants.

### Applications & Benefits

#### - Efficiency

Excellent demulse properties that allow separation from excess water that can be drained by the lubrication systems, thus increasing gear protection and ensuring efficient lubrication in the contact areas.

#### - Wear and Corrosion Protection

The additive content gives the lubricant an excellent capacity to withstand loads, reducing the wear phenomena affecting the teeth of steel bearings.

#### - Thermal degradation resistance

The highly refined bases with the help of the additives allow the lubricant to withstand thermal and chemical degradation, thus reducing the formation of burrs.

#### - EP features

Formulated with a sulfur-phosphorus additive package that gives the product extreme pressure performance E.P. (Extreme Pressure) and consequently make it suitable for use with industrial gearbox reducers with straight and helical steel gears, heavily loaded gear systems, bearings and other components in circular and / or sliding lubrication systems.

### Specifications & Approvals

#### - Exceeds the specifications listed below:

ISO-L-CKD

ISO 12925-1

US Steel 224

US Steel 222&226

David Brown S1.53.101 (Type E)

David Brown S1.53.106 (Type H)

AGMA 9005-E02-2002

AGMA 250.04 (Enclosed Gears)

AGMA 251.02 (Open Gears)

DIN 51517 - part III (CLP)

SEB 181.226 (CLP)

SEB 181.225 (C&CL)

Volvo Standard 97140 (Enclosed worm gear units)

Volvo Standard 97125 (Worm gear units)

ASLE 68-1, 68-2, 68-3, 68-4.

Remember to always check the usage and maintenance manual for the correct choice.

\*For further information please contact the Technical Service.



## Chemical-Physical Characteristics

Test	Method	Eubush					
<b>ISO Grade</b>	-	<b>100</b>	<b>150</b>	<b>220</b>	<b>320</b>	<b>460</b>	<b>680</b>
Density @ 15°C, kg/dm <sup>3</sup>	ASTM D 4052	0.880	0.885	0.890	0.900	0.905	0.910
Viscosity cSt @ 40°C cSt @ 100°C	ASTM D 445	100 11.0	150 15.0	220 19.0	320 24.0	460 31.0	680 39.0
Viscosity Index - Unit	ASTM D 2270	100	100	100	100	100	100
Copper corrosion - 3h @ 100°C	ASTM D 130	1B	1B	1B	1B	1B	1B
Rust-preventing	ASTM D 665A	Exceeds	Exceeds	Exceeds	Exceeds	Exceeds	Exceeds
Pour point, °C	ASTM D 97	-24	-24	-24	-24	-18	-15
Flash point, °C	ASTM D 92	230	230	230	240	240	280
4 spheres EP test: welding load, kg wear load index	ASTM D 2783	200 46	250 46	250 46	250 46	250 47	250 47
FZG / exceeded stage	DIN 51354	12+	12+	12+	12+	12+	12+
Timken Ok Load, lbf	ASTM D 2783	65	65	65	65	65	65
Demulsivity, minutes 40/40/0	ASTM D 1401	20	20	20	20	20	20
Foaming Trend / Stability	ASTM D 892	0/0	0/0	0/0	0/0	0/0	0/0

NOTE: The above values are "typical" for normal production tolerance and do NOT constitute a specification.

## Storage, Health & Environment

### - Storage & Health

It is recommended to store the EUBUSH lubricant under cover. If storage is carried out outdoors, it is recommended to position the drums, preferably under a roof, in a horizontal position and, if kept upright, cover them with a lid to prevent water infiltration. It is advisable not to store the packs at temperatures above 60°C or directly to the sun as it is good to keep them in places not subject to freezing.

EUBUSH has no health effects when properly used, applying the standard personal hygiene standards.

### - Environment

Do not discharge the new and/or exhausted lubricant into the sewage system, soil or watercourses. Exhausted lubricant must be delivered to an authorized collection point.



## Additional information

### - Safety Data Sheet

It is provided aside and must be considered for its information or can be easily downloaded from [www.rilub.it](http://www.rilub.it)  
Contact your technical service for more information:



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