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Klüber Lubrication NA LP • 9010 CR 2120 Tyler, Texas 75707 • Phone 903.534.8021 • sales@klsummit.com

# Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

## GREASE

### SumTech® EMB-160

*SumTech® EMB-160 is semi-synthetic ISO 150 polyurea grease specifically designed for use in rolling element anti-friction bearings operating under extreme temperatures. The organic polyurea thickener system contains no metal ions which act as catalysts for oxidation. SumTech® EMB-160 was designed with special antioxidants and corrosion inhibitors to ensure long life of rolling bearings operating under severe temperature and high humidity. The extended service temperature range of -40°F to 320°F and high speed factor of 500,000 nDm makes SumTech® EMB-160 the ideal lubricating grease for electric motor bearings designed to be lubricated for life.*

### Physical Properties

PRODUCT	EMB-160
NLGI Grade	2
Color	beige
Texture	homogenous
Base Oil	synthetic hydrocarbon/ mineral oil
Base Oil Properties	
Viscosity at 40°C cSt	Approx. 165
Viscosity at 100°C cSt	Approx. 18
Thickener Type	polyurea
Density at 20°C (g/cm <sup>3</sup> )	0.90
Service Temperature	-22°F to 320°F
Drop Point	>250°C(482°F)
Penetration-Worked 60 ds	265-295
Corrosion Preventative Properties, EMCOR	<1

**Shelf Life:** Product shelf life is 2 years from the date of manufacture, after which the product should be recertified prior to use.