

ULTRA-SURE VSD-GPE2

Applications:

Ultra-Sure VSD-GPE2 is a fully synthetic grease specially formulated for electrical motor lubrication in variable speed drive applications. This grease is a recommended aftermarket replacement lubricant for almost all OEM polyurea-thickened EM greases in the marketplace. Ultra-Sure VSD-GPE2 provides long term lubrication of both rolling and plain bearings. It is also very resistant to water wash-out, steam, and alkaline or acidic cleaning compounds.

Typical Industrial Applications:

- Air Compressor Motors
- Industrial Mixers
- Automotive Wheel Bearings
- Vacuum Pump Motors
- Milling Machines
- Tool Machine Spindle Bearings.

TYPICAL PROPERTIES	TEST METHOD	Ultra-Sure VSD GPE2
Color	---	Beige
Structure	---	Homogeneous
Thickener Type	---	Polyurea
Base Oil Type	---	Ester Blend
Viscosity @ 40°C	ASTM D445	150 cSt
Viscosity @ 100°C	ASTM D445	19 cSt
Density	DIN 51757	0.87
Worked penetration	DIN ISO 2137	265-295
Consistency Class	DIN 51 818	2
Dropping Point	DIN ISO 2176	>250°C
Ignition Temperature	DIN 51794	480°F
Flash Point	DIN ENISO2592	390°F
Water Resistance	DIN 51807 T 2	0 – 90
Corrosion Protection (SKF-Emcor)	DIN 51802	0 – 0
Speedfactor, mm/min.	---	600,000
Temperature Range	---	-40°C to 160°C
Short Time	---	Up to 220°C
Noise Class (MGG11)		II/1
FE 9-test	DIN 51 821 A/1,5/6000-140°C F ₅₀	>500 h
Start-/running torque	ASTM D 1478 at -30°C (-22°F)	305 mNm / 37 mNm
	ASTM D 1478 at -40°C (-40°F)	539 mNm / 68 mNm

HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com



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