

# GREASES



## QUAKERTEK™ VERKOMAX R-1000 HIGH PERFORMANCE CALCIUM SULFONATE COMPLEX GREASE

### APPLICATION SHEET

#### BENEFITS

- » High Base Oil Viscosity
- » High oxidation resistance
- » Excellent resistance to water washout
- » Excellent load carrying capacity
- » High temperature stability
- » Excellent corrosion protection
- » High lubricating film strength
- » Very good shear stability

#### DESCRIPTION / APPLICATIONS

High performance Calcium sulfonate complex grease based on mineral oil.

Applications operating under severe conditions with regard to medium to low speeds, high loads and corrosion problems, e.g. roller and plain bearings in all kind of industries

Operating Temperature Range:  
-20 °C / + 140 °C

#### STORAGE AND HANDLING

If the following criteria are adhered to, the product can be stored for at least 24 months. Recommended long-term storage temperature range: 0-40 °C. Keep containers/drums tightly closed when not in use and store in a dry and well-ventilated area.

Packaging on request.



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#### PROPERTIES

PROPERTY	VERKOMAX R-1000	UNIT
Appearance / Colour	Smooth, tacky, red	[-]
NLGI Grade	2	[-]
Worked Penetration, 60 Strokes (ISO 2137)	265 - 295	[mm <sup>-1</sup> ]
Dropping Point (ISO 2176)	>255	[°C (F)]
Water Washout (ASTM D1264)	n.d.	[%]
Water Spray-Off (ASTM D4049), loss	8	[%]
Base Oil Type	semi synthetic	[-]
Base Oil Viscosity at 40 °C (ISO 3104)	1000	[mm <sup>2</sup> /s]
Copper corrosion, 3h/100 °C (ASTM D130)	1a	[-]
Steel corrosion Emcor (ISO 11007)	0/0	[-]
4-Ball Weld load (IP-239)	4800	[N (kg)]
4-Ball - Wear scar (IP-239, 1h/40kg/75°C)	0.40	[mm]
FE8 - test (DIN 51819-2) B-7.5/80-120 °C, 7312 mw50	<5	[mg]
mk50	<15	[mg]
Temperature Range Short Term	-20 – +140 180	[°C]
Designation (DIN 51502)	KP 2 N-20	[-]
Designation (ISO 6743-9)	L-X-BDHB 2	[-]

These characteristics are typical of current production and can't be used as a specification.

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Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues.

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