



SMOOTHER WORLD BETTER LIFE

*Technical Date Sheet

TKM-4016

High temperature grease

Examples of Application

- High-speed pulverizer bearing
- Bearings for wood and stone crushers
- Mine vibrating screen bearings
- High-temperature, high-speed large motor bearings
- Heavy-duty truck hub bearings
- Bearings capable of withstanding high temperatures and high speeds
- Roller and plain bearings



Features and benefits

- Outstanding adhesive and cohesive properties
- Exceptional protection against rust, corrosion, and wear
- Superb mechanical stability of the thickener system
- Good water resistance
- Excellent extreme pressure and anti-wear performance

Service temperature: -20 °C to +180 °C

NLGI grade	2	3
Appearance, visual	Blue	Blue
Thickener type	Lithium complex	Lithium complex
Base fluid type	Mineral oil	Mineral oil
Kinematic viscosity of the base oil (40°C), mm ² /s	320	320
Worked penetration, 0.1mm	275	240
Dropping point, °C, ASTM D 2265	275	285
Oil separation, 24 h @ 100°C, %, FTMS 791C-321.3	1	1
Four ball wear, 60 min @ 392 N, mm, ASTM D 2266	0.6	0.6
Extreme pressure property PD, N	2452	2452
Extreme pressure property PB, N	441	549
Water washout, 1 h @ 38°C, %, ASTM D 1264	1	1
Copper strip corrosion (T2, 100°C, 24h)	pass	pass
Corrosion preventive properties (52°C, 48h)	pass	pass

* Instructions for use: Prior to serial application product compatibility tests are recommended

The above data correspond to latest technology, modifications reserved. This information is intended as a guide and does not necessarily represent a marketing specification. In individual cases tests have to be carried out by the consumer. Further data upon request.