

# Q8 Rubens EM 3

NLGI 3

### Application

- High quality lithium complex grease recommended for both industrial and automotive applications
- Primary choice for various types of bearing applications including heavy load conditions and temperature peaks up to 220°C
- In particular recommended for bearing lubrication of electric motors and high speed applications
- Suitable within a very wide temperature range and engineered for low start-up torque properties

### Specifications

- DIN 51502 KP3N-30
- ISO 6743 ISO-L-XCDEB3

### Benefits

- Excellent at high temperature
- Very good both mechanical and thermal stability
- High load carrying capacity
- Good corrosion protection

Properties	Method	Unit	Typical
Soap type	-	-	Lithium complex
Consistency, NLGI No.	-	-	3
Penetration, Worked, 25 °C, 150 g, 5 s	D 217	-	
60 strokes	-	0.1 mm	250
10000 strokes	-	0.1 mm	290
Colour	Visual	-	Yellowish
Dropping Point	D 566	°C	>260
Copper Corrosion, 100 °C, 24 h	D 4048	-	1b
SKF Emcor Test, Distilled Water	DIN 51802	-	0:0
SKF R2F Test, conditions A	-	-	pass
SKF R2F Test, conditions B,	-	-	pass (at 130°C)
Water Resistance, 90 °C, 3 h	-	-	1
Four Ball Test, Weld Load	IP 239	N	2600
Four Ball Wear, 392 N, 1 h	IP 239	mm	0.6
Timken, OK Load	D 2782	lb	min. 45
Kin. Viscosity Base Oil at 40 °C	D 445	mm <sup>2</sup> /s	110
Kin. Viscosity Base Oil at 100 °C	D 445	mm <sup>2</sup> /s	9
Operating temperature range	-	°C	-30 to +140

The figures above are not a specification. They are typical figures obtained within production tolerances.

