

# KG<sup>®</sup>

## ULTRA

HIGH TEMPERATURE GREASE

HT2 - TECHNICAL DATASHEET

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 800-BEARINGS  
800-FILTERS

No.	Characteristics	Testing method	Typical values
1	NLGI GRADE		2-3
2	Color	VISUAL	Blue
3	Thickener		Polyurea
4	Worked Penetration @ 25°C After 60 Strokes, 0.1 mm units	ASTM D 217	250-265
5	Drop point, °C, Min	ASTM D 2265	260
6	Viscosity of Base Oil @ 40°C, cSt	ASTM D 445	100
7	Viscosity of Base Oil @ 100°C, cSt	ASTM D 445	10.5
8	Copper Strip Corrosion @ 100°C for 24 hrs, max	ASTM D 4048	1b
9	Four-Ball Weld Load, kg, min	ASTM D 2596	280
10	Four-Ball Wear Scar Diameter, mm, max	ASTM D 2266	0.5
11	Oxidation Stability, Pressure Drop, psi after 100hrs @ 99°C, max	ASTM D 942	5
12	Roll Stability, Penetration Consistency Change, 0.1 mm, max	ASTM D 1831	16
13	Corrosion Prevention	ASTM D 1743	Pass
14	Oil Separation @ 25°C for 168 hrs, % by mass	IP 121	1-5
15	Water Washout @79°C, % wt, max	ASTM D 1264	<5
16	EMCOR Rust Protection Test	IP 220	0-0
17	Operating Temperature Range		-20°C to 150°C
18	Shelf Life		3 years*

**DISCLAIMER:** These characteristics are typical of current production. Whilst future production will conform to the standard specification, variations in these characteristics may occur.

\*While the recommended shelf life applies, under optimal storage conditions (sealed, clean, dry, 5°C - 40°C), the product may remain usable for up to 5 years. Evaluation before use is advised if stored beyond stated period.