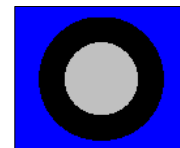
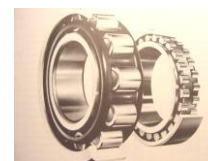




## Technical Datasheet

DIN EN ISO 9001:2008

### **AR-2 MW Synthex EP-GREASE** **high performance extended use and** **high temperature grease**



#### **Description**

**AR-2** is a long stream, ductile high performance grease complex for the lubrication of heavily loaded friction bearings, ball and roller bearings, spur gears and worm gears, open transmissions even under high temperature conditions.

It is formulated using our synthetic base oil and additive technology and an special inorganic thikener.

The **AR-2** lubrication film minimizes the additional stress caused by friction forces on the surfaces and primarily, surface faults even in the application areas of roller bearings lubrication and consequently results in increased service life of machinery components.

Special EP effective ingredients, which do not tend to corrode chemically, and the structure of the partially synthetic base oil produce a uniform carrier conception and thus lead to an even higher load limit.

This grease was developed in order to master, without wear, the maximum contact pressure in the materials joining of steel/bronze, steel/steel even under conditions of extreme temperature stress on presses, spindles/spindle nuts guides, engine and motor roller bearings, open toothed drives.

#### **Application**

- All kind of gears,( open gears, worm gears, spur gears ) and drives
- Ball bearings, roller bearings
- Gear boxes
- Spindle bearings, spindle nuts, slide ways, chains
- Screw presses, all other kind of presses,
- Tool machine lubrication

#### **Characteristics**

NLGI Grade	2
Color/Appearance	yellow
Penetration	280 1/10 mm
Base Fluid Viscosity	450 cSt / 40 <sup>0</sup> C
Dropping Point	non
Pour Point	- 30 °C
Range of Application	- 20 °C to + 200 °C peak up to 250 °C
Sliding Speed	over 10 m/sec
Stress Load	hertzian contact pressure over 2000 N/sqmm (steel/steel) up to 500 N/sqmm (steel/bronze)
Load Increment FZG	over 12+
Behavior Compared with Water	resistant
Designation DIN 51502	KP2 R, KH2 R

The data provided with this data sheet are based on our current knowledge.

They are not guaranteed properties. They are mean values and vary adequate to the customary manufacturing permissible limits.

Handling and application only according the technical information and data sheet

02/2002

**WALTER ZEPF**