

## Grease Calcium Complex EP

Calcium complex based grease

### Description

Grease Calcium Complex is a calcium complex soap thickened mineral grease with high resistance to oxidation. Contains antioxidant additives package to secure high efficiency under high temperatures. Provides superior flow characteristics they can be used in single or double line centralized lubricating systems. Due to the specific formulation they can stand long service periods without decomposition nor building deposits. Does not attack ferrous or non-ferrous metals at high temperatures.

### Properties

- Anti wear and EP properties
- Resistance to water action
- No change in the lubricating properties in presence of water
- Structural and chemical stability
- Antioxidant and antirust capacity
- Very good flow characteristics
- Wide service temperatures range

### Typical performance data

NLGI	3	2	1/2	1	0
Thickener	Calcium complex soap				
Base Oil	Mineral				
Color	Brown				
Base Oil Visc. at 40°C	220 cSt	220 cSt	220 cSt	220 cSt	220 cSt
Penetration at 25°C	220-250	265-295	290-310	310-340	355-385
Drop Point (ASTM D-566)	Min.250°C	Min.250°C	Min.250°C	Min.250°C	Min.250°C
Copper corrosion 24h/100°C (ASTM D-4048)	Máx. 1b	Máx. 1b	Máx. 1b	Máx. 1b	Máx. 1b
Four ball test (IP-239):	Min 350 kg	Min 350 kg	Min 350 kg	Min 350 kg	Min 350 kg
EMCOR Corrosion test (DIN 51802)	Máx. 1	Máx. 1	Máx. 1	Máx. 1	Máx. 1
4-ball wear test					
• Welding load, kg	IP-239	350	350	350	350
• Scar diameter 1'/80kg max, mm		0,65	0,65	0,65	0,65
Resistance to water washout a 80°C (ASTM D-1264)	Máx.2%	Máx.2%	Máx.2%	Máx.2%	Máx.2%
Oxidation stability 100h/100°C (ASTM D-942)	Máx. 0,6 kg/cm2	Máx. 0,6	Máx. 0,6	Máx. 0,6	Máx. 0,6
Working Temperature °C	-30 a 150	-30 a 150	-30 a 150	-30 a 150	-30 a 150