

# CALDAX COMPLEX

## CALCIUM GREASE

### Description

Grease Calcium Complex is a calcium complex soap thickened mineral grease with high resistance to oxidation. Contains anti-oxidant 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.



### Benefits

- 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
- Wide service temperatures range

### Typical Properties

NLGI	3	2	1/2	1	0
Thickener	Calcium complex soap				
Base Oil	Mineral				
Color	Brown				
Penetration @ 25 °C	220-250	265-295	290-310	310-340	355-385
Drop Point, °C	Min 250	Min 250	Min 250	Min 250	Min 250
Four ball test, kg	Min 350	Min 350	Min 350	Min 350	Min 350
Copper corrosion 24h/100 °C	Max 1b	Max 1b	Max 1b	Max 1b	Max 1b
EMCOR Corrosion test	Max 1	Max 1	Max 1	Max 1	Max 1
Four ball test					
• Scar diameter 1'/80kg max, mm	0.65	0.65	0.65	0.65	0.65
Water washout @ 80 °C	Max. 2%	Max. 2%	Max. 2%	Max. 2%	Max. 2%
Oxidation stability 100h/100 °C, kg/mc2	Max. 0,6	Max. 0,6	Max. 0,6	Max. 0,6	Max. 0,6
Operating temperature, °C	-30/150	-30/150	-30/150	-30/150	-30/150