



ERA OILFIELD  
SERVICES lubricants

## CALCIUM SULFONATE GREASE

### PERFORMANCE CHARACTERISTICS

- HIGH PUMPABILITY
- HIGH WATER RESISTANCE
- HIGH TEMPERATURE RESISTANCE
- EXTREME PRESSURE RESISTANCE
- HIGH COLLOIDAL STABILITY
- HIGH MECHANICAL STABILITY
- HIGH ADHESION AND WATER RESISTANCE
- STRONG WEAR PERFORMANCE
- EXTENDS SERVICE LIFE
- WATER RESISTANT
- CORROSION RESISTANCE
- STRONG MECHANICAL STABILITY

### GENERAL APPLICATIONS

- UNDER WATER APPLICATIONS
- MINING & HEAVY TRANSPORTATION
- STEEL, PAPER, TEXTILE EXTRUSION
- HARSH CONDITIONS
- HIGH TEMPERATURE
- HIGH SPEED ROTATIONAL APPLICATIONS
- HEAVY LOAD

### OPERATING TEMPERATURE

- -20 C to 230 C

### PRODUCT COMPOSITION

- NEWTONIAN HIGH BASE CALCIUM SULFONATE
- INITIATORS AND CONVERSION AGENTS
- HIGH VISCOSITY MINERAL OIL (< 70%)
- HIGH VISCOSITY SYNTHETIC OIL
- HIGH PERFORMANCE COMPOUND ADDITIVES

## ERA Oilfield Services

lubricants

66/69 Moo 4, Soi 17, Phayun, Ban  
Chang, Rayong, Thailand  
21130  
Phone: +66 8 4345 8730  
[www.info@eraoilfieldservices.com](http://www.info@eraoilfieldservices.com)



## CALCIUM COMPLEX GREASE

# Lubricants at work for you

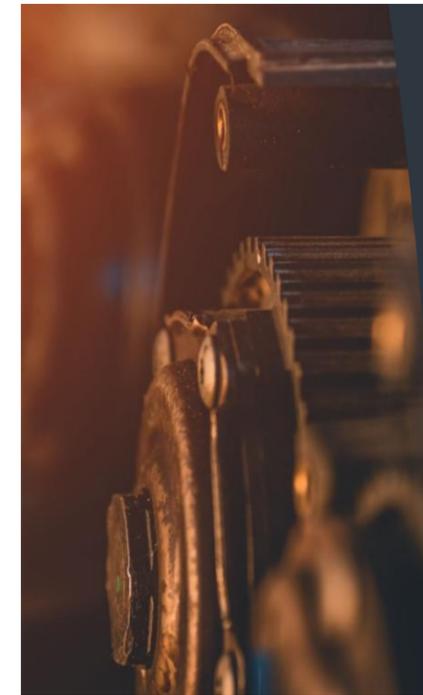
## CALCIUM SULFONATE GREASE

- COST EFFECTIVE
- UNDERWATER APPLICATIONS
- HIGH WATER RESISTANCE
- INTERNATIONAL STANDARD
- PREMIUM PRODUCT
- MARINE
- MINING AND TRANSPORTATION
- INDUSTRIAL

Finding the right lubricant, when you need it, at a price that meets your budget and one that performs to the highest technical performance requirements.

ERA, have over 12 years of experience supplying heavy industry, drilling, mining and production.

We now expand our excellence to ensure that our clients have the best lubricants to maximise asset lifespan and improve asset performance.



### CUSTOM SOLUTIONS

- Marine
- Oil and Gas
- Construction
- Automotive
- Heavy Industrial
- Mineral Mining
- Factory Production
- Metal Machining



### CONTACT US

CONTACT US VIA WEB:

[WWW.ERAOILFIELDSERVICES.COM](http://WWW.ERAOILFIELDSERVICES.COM)

CONTACT US VIA EMAIL:

[INFO@ERAOILFIELDSERVICES.COM](mailto:INFO@ERAOILFIELDSERVICES.COM)  
[JIM.REID@ERAOILFIELDSERVICES.COM](mailto:JIM.REID@ERAOILFIELDSERVICES.COM)

CONTACT US VIA PHONE:

+66 8 4345 8730

### ERA SOLUTIONS

- FACTORY DIRECT
  - ERA BRANDED SOLUTIONS
  - LOGISTICS MANAGEMENT
  - DIRECT DELIVERY GLOBALLY
  - COST EFFECTIVE UNIT AND VOLUME
- PRICING
- CONTINUOUS CLIENT SUPPORT
  - CERTIFIED PRODUCT RANGE TO INTERNATIONAL STANDARDS

## Lubricant solutions for your industry needs

### TECHNICAL PERFORMANCE DATA FOR CALCIUM COMPLEX GREASE.

#### WORKING CONE PENETRATION (1 – 10mm)

- Standard GB / T269
- #1 317
- #2 278

#### EVAPORATION CAPACITY (% m/m)

- Standard GB / T7325
- 99C x 22hr
- <1.0

#### DROPPING POINT (DEGREES CELSIUS)

- Standard GB / T3498
- > 330 C

#### OIL CONTENT OF STEEL MESH

- Standard SH / T0324
- 100C X 24HR
- #1 2.2
- #2 1.0

#### CORROSION

- Standard GB / T3726
- T2Cu
- 100C x 24hr
- None recorded (Zero)

#### OXIDATION STABILITY

- Standard SH / T0203
- 99C, 100hrs, 7804x10Pa
- 0.027 MPa

#### WATER LOSS % (@ 79C PER HOUR)

- Standard SH / T0109
- #1 1.4%
- #2 1.2%

#### EXTREME PRESSURE PERFORMANCE

- Standard SH / T0202
- 4 Ball Machine Method
- Po Value, N
- #1 980
- Standard SH / T0202
- 4 Ball Machine Method
- Po Value, N
- #1 5880

