



Corporate Head Office: Mussaffah-M44, Elite Business Investment Building, Office No: 79 – 82, Abu Dhabi – UAE.

Factory/Warehouse: Saquer Al Marzouqi Building, Al Qusais Street, Dubai Airport Free Zone, Dubai Cargo Village, UAE.

Website: www.saquermarzouqichemicals.com Whatsapp: +971582664978, E-mail: sales@saquermarzouqichemicals.com

PRODUCT SPECIFICATION

Technical Data Sheet ®

GLO EP 3000

Description:

GLO EP 3000 (Extreme Pressure Lubricant) Dispersible Extreme Pressure lubricant specially formulated for water based Mud Systems, designed to reduce torque & drag and to lower the potential of bottom hole assembly balling in all water base muds under extreme pressure conditions. It imparts extreme pressure Lubricating Properties to the drilling fluids and prevents wall sticking. It functions as a gelling agent in oil and synthetic based mud systems.

Application:

GLO EP 3000 manufactured by Saquer Al Marzouqi Chemicals acts as a. It is a highly effective Extreme pressure lubricant for torque and Drag reduction. It is completely water dispersible and blends easily into all types of Mud Systems that provides stable rheology over a wide temperature range thus minimizing tendencies for barites sag as well as improving cutting transport and hole stability.

Advantages:

- It helps improve hole cleaning capacities of drilling fluids.
- It reduces torque & drag.
- It is effective as a filtering agent.
- It will not adversely affect rheology or gel strength.
- Stable at high circulation temperatures and does not undergo chemical degradation.

Physical Properties:

Properties	Value
Physical State	Black Brownish Free flowing
Moisture content	10% Max
Solubility	Dispersible in water, Soluble in Oil
Thermal Stability	>2000C or 3950F

Sieve Analysis	95% Min through BSS 100

Packaging

Material is packed in 55 Gal Drums/208 Liter Ms Barrels. Private Labeling and customized packaging is also available on request.

Safety and Handling

GLO EP 3000 manufactured by Saquer Al Marzouqi Chemical Services must be handled as Industrial chemical, wearing protective equipment and observing the precautions.



The Cool Stir® Large Volume Magnetic Stirrer efficiently stirs fluid volumes from 10 liters up to 208 liters. For additional information refer to the Latex Handling and Storage Guide as well as SDS documents.

Performance Testing:

As per relevant ASTM standards.

Prepare 10% (w/v) Bentonite suspension in distilled water using API 13A approved Bentonite by stirring with laboratory stirrer (5000-6000 rpm) for 30 minutes. Age the suspension at $90 \pm 2^\circ\text{C}$ for 72 hours in a thermostatic water bath. Dilute it with distilled water & bring apparent viscosity to 52.5 ± 0.5 cp. Divide the base mud in two parts. Roll a portion of the base mud in a high temperature aging cell, at $160 \pm 2^\circ\text{C}$ for 24 hours in a roller oven; cool to $24 \pm 2^\circ\text{C}$ and stir for 15 minutes in Hamilton Beach Mixer at high speed and then determine its Apparent Viscosity (cP) and HT-HP Filtration Loss (ml) at 160°C and 500 psi differential pressure. Treat another portion of the base mud with 2.0% (w/v) of the sample and stir the suspension in a Hamilton Beach Mixer at high speed for 10 minutes. Adjust the pH of the suspension in the range of 9.5 ~ 10.0, if necessary. Roll this mud in a high temperature aging cell at $160 \pm 2^\circ\text{C}$ for 24 hours in a roller oven. Cool to $24 \pm 2^\circ\text{C}$ and stir for 15 minutes in a Hamilton Beach Mixer at high speed. Then determine its Apparent Viscosity (cP) and HTHP Filtration Loss (ml) at 160°C and 500 psi differential pressure.

Price:

USD \$ 105 per liter.

Discount:

20% discount allowed for Order of (1) one drum and above.

Storage:

The recommended storage temperature is 40–120 °F (4–49 °C). For bulk storage, use stainless steel or plastic tanks. Minimum shelf life is 12 months when stored as recommended.

Shipping:

We Delivery Everywhere: Highly Trained Logistic Staff ensures that the goods are shipped on time and in the fastest possible way *Saquer Al Marzouqi Chemical* prides itself in Successfully Executing orders from a Few Metric Tonnes to Thousands of Metric tons on time and without Damage or Delays.

For Further Information on GLO EP 3000 and Information on Performance and Case Studies Please contact us at sales@saquermarzouqichemicals.com

NOTE: Although the data supplied above is believed to be accurate, each user is advised to make an Independent determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, or whether such use will infringe the intellectual property rights of third parties.



Mr. Fuad Abdul Al-Mutairi (C.E.O)

Saquer Al Marzouqi Chemicals

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