



WHEN DEMANDING GREASE APPLICATIONS NEED THE BEST, CHOOSE MATRIX.®

Matrix extreme pressure grease protects in difficult applications and conditions with capabilities that exceed conventional greases. Matrix protects against heat, high load, corrosion and infrequent lubrication. Matrix can extend lubrication frequency resulting in less grease consumption while still preventing premature wear.

EXTREME PRESSURE - CALCIUM SULFONATE COMPLEX GREASE

Matrix® EP

Matrix EP is an exceptional grease for demanding applications. It's formulated to offer optimal wear protection, even when subjected to adverse conditions such as water washout, elevated temperatures and attack from process chemicals. Ideal for low speeds and extreme loads, the thickener in Matrix EP protects against wear and damage due to shock loads similar to molybdenum disulfide. It also neutralizes acids and other caustic chemicals - it has even been proven to prevent corrosion caused by acid fumes. Matrix EP offers outstanding water washout performance.

Applications - *Heavily loaded bearings, bearings- bushings- gates and slides subjected to water submersion, equipment exposed to an acidic or alkaline environment, high temperatures up to 400°F / 200°C and infrequently lubricated bearings.*

Typical Characteristics				
Grades	EP0	EP1	EP2	TK 2
Penetration Range	355-385	310-340	265-295	265-295
Low Temperature Pumpability	-20 (-29)	12 (-11)	34 (1)	70 (21)



Matrix® M is very similar to Matrix EP in performance and application use. However, Matrix M has the added benefit of containing molybdenum disulfide. The addition of molybdenum disulfide can improve the lubricating capacity of grease which strengthens the grease film and provides additional extreme pressure protection.

Applications - *Heavily loaded bearings, bearings- bushings- gates and slides subjected to water submersion, equipment exposed to an acidic or alkaline environment, high temperatures up to 400°F / 200°C and infrequently lubricated bearings.*

Typical Characteristics		
Grades	1	2
Penetration Range	310-340	265-295
Low Temperature Pumpability	12(-11)	34 (1)

- **Reduced re-lubrication frequency**
- **Wide speed range**
- **Superior wear protection**
- **Excellent water resistance**

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