

# GREASE COMPATIBILITY GUIDELINES

|                                | Aluminum Complex | Barium | Calcium | Calcium 12-hydroxyesteric Acid | Calcium Complex | Clay | Lithium | Lithium 12-hydroxyesteric Acid | Lithium Complex | Polyurea | Sodium | Calcium Sulphonate | Silica |
|--------------------------------|------------------|--------|---------|--------------------------------|-----------------|------|---------|--------------------------------|-----------------|----------|--------|--------------------|--------|
| Aluminum Complex               | ○                | ×      | ×       | ●                              | ×               | ×    | ×       | ×                              | ●               | ×        | ×      | ×                  | ●      |
| Barium                         | ×                | ○      | ×       | ●                              | ×               | ×    | ×       | ×                              | ×               | ×        | ×      | ◻                  | ●      |
| Calcium                        | ×                | ×      | ○       | ●                              | ×               | ●    | ●       | ◻                              | ●               | ×        | ×      | N/A                | N/A    |
| Calcium 12-hydroxyesteric Acid | ●                | ●      | ●       | ○                              | ◻               | ●    | ●       | ●                              | ●               | ×        | ×      | N/A                | N/A    |
| Calcium Complex                | ×                | ×      | ×       | ◻                              | ○               | ×    | ×       | ×                              | ●               | ●        | ×      | ●                  | ×      |
| Clay                           | ×                | ×      | ●       | ●                              | ×               | ○    | ×       | ×                              | ×               | ×        | ×      | ×                  | ●      |
| Lithium                        | ×                | ×      | ●       | ●                              | ×               | ×    | ○       | ●                              | ●               | ×        | ×      | ●                  | ●      |
| Lithium 12-hydroxyesteric Acid | ×                | ×      | ◻       | ●                              | ×               | ×    | ●       | ○                              | ●               | ×        | ×      | ●                  | N/A    |
| Lithium Complex                | ●                | ×      | ●       | ●                              | ●               | ×    | ●       | ●                              | ○               | ×        | ×      | ●                  | ●      |
| Polyurea                       | ×                | ×      | ×       | ×                              | ●               | ×    | ×       | ×                              | ×               | ☆        | ×      | ×                  | ×      |
| Sodium                         | ×                | ×      | ×       | ×                              | ×               | ×    | ×       | ×                              | ×               | ×        | ○      | ×                  | ×      |
| Calcium Sulphonate             | ×                | ◻      | N/A     | N/A                            | ●               | ×    | ●       | ●                              | ●               | ×        | ×      | ○                  | N/A    |
| Silica                         | ●                | ●      | N/A     | N/A                            | ×               | ●    | ●       | N/A                            | ●               | ×        | ×      | N/A                | ○      |

|   |                       |
|---|-----------------------|
| ○ | Same Grease           |
| ● | Compatible            |
| × | Not Compatible        |
| ◻ | Moderately Compatible |

☆ NOTE: Not all polyurea greases are mutually compatible  
Contact Fluid Life for more information ([info@fluidlife.com](mailto:info@fluidlife.com) or 877-962-2400)

Ref: NLGI Spokesman, <https://www.machinerylubrication.com/Read/29337/understanding-grease-compatibility>