

ZENIPLEX®

Aluminum Complex EP Greases

Keystone Zeniplex Aluminum Complex Grease is a high performance EP lubricant with excellent mechanical stability, oxidation resistance and anti-wear characteristics. Superior in resistance to heat, moisture and most chemicals, it is formulated for use in tough wet-hot applications. Zeniplex is industry's "A to Z" premium grease for general applications and is also authorized by the USDA for use where there is no possibility of food contact in federally inspected meat and poultry plants.

Features

- USDA H-2*
- Aluminum Complex
- Extreme Pressure
- Water Resistant

* Authorized by USDA for use in inspected meat and poultry plants where no contact with edible product is possible.

Performance

- Assures government compliance
- Stable to shear and high temperature resistant
- Lubricates heavy loads
- Reduces washout in wet applications

Applications

General purpose and heavy-duty applications, up to 375°F in plain and anti-friction bearings, slides and way, automatic systems (NLGI0). Zeniplex 1 and Zeniplex 2 may be used intermittently to 450°F with frequent relubrication. Zeniplex greases are compatible with most industrial greases. Some softening can occur when grease types are mixed. Old grease should be flushed from the bearings.

Typical Properties	Zeniplex 0	Zeniplex 1	Zeniplex 2
Product Code #	800138	800151	800159
Operating Range, °F	0-450	0-450	0-450
Penetration, worked, (ASTM D-217)	355-385	310-340	265-295
NLGI Grade	0	1	2
Dropping Point, °C, (ASTM D-2265) minimum	238	244	250
Appearance	Smooth, Brown	Smooth, Brown	Smooth, Brown
Water Washout, % loss, 175°F, (ASTM D-1264)	N/A	7.5	4.2
Rust Test (ASTM D-1743)	Pass	Pass	Pass
Oxidation, psi loss, 100 hrs., (ASTM D-942)	-5 max.	-5 max.	-5 max.
Copper Corrosion (ASTM D-130)	Max 1b	Max 2a	Max 2a
Timken OK Load, lbs. (ASTM D-2509)	50	50	50
4-Ball Weld Load, kg. (ASTM D-2596)	280	280	280
4-Ball Wear, 40 kg., (ASTM D-2266), mm	0.53	0.53	0.53
Base Oil Properties			
Viscosity @ 100°F, SUS, (ASTM D-88)	1100	1100	1100
Viscosity @ 210°F, SUS, (ASTM D-88)	85	85	85
Flash Point, C.O.C., °F, (ASTM D-92)	450	450	450
Pour Point, °F, (ASTM D-97)	10	10	10

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For Product Information and a Material Safety Data Sheet (MSDS) Visit: www.KeystoneLubricants.com

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