

ZENIPLEX EP



GREASE



TOTAL

Aluminum Complex, High Performance Grease.

APPLICATIONS

Multi-purpose industrial grease.

- **ZENIPLEX EP** grease is a high performance extreme pressure grease 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 EP** greases are the industry's "A to Z" premium greases 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. These greases are compatible with other aluminum based industrial greases, however, some softening can occur when different grease types are mixed. To avoid this condition, old grease should be flushed from the bearings before applying **ZENIPLEX EP** grease.

ADVANTAGES

- Water resistant.
- Incorporates anti-wear, anti-corrosion, and extreme pressure additives.
- Excellent lubricity properties.
- Outstanding oxidation resistance.
- Good mechanical and thermal stability.
- Lubricates under heavy loads.
- Reduces washout in wet applications.

TYPICAL PROPERTIES—ZENIPLEX EP

NLGI grade	0	1	2
Appearance, Visual	Smooth Brown	Smooth Brown	Smooth Brown
Operating Range, °F	0 - 325	0 - 325	0 - 325
Thickener Type	Aluminum Complex		
NLGI Grade	0	1	2
Penetration Worked 60x (ASTM D 217)	355 - 385	310 - 340	265 - 295
Dropping Point, °C (ASTM D 2265)	238	244	250
Corrosion Prevention (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)	1B max.	2A max.	2A max.
Timken OK Load, lbs. (ASTM D 2509)	50	50	50
4 Ball Weld Load, kg. (ASTM D 2596)	280	280	280
4 Ball Wear, 40kg, mm (ASTM D 2266)	0.53	0.53	0.53
Water Washout, % loss (ASTM D 1264)	N/A	7.5	4.2
Base Oil Properties:			
Viscosity @ 40°C, cSt (ASTM D 445)	220	220	220
Flash Point, COC, °F (ASTM D 92)	450	450	450

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This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.