

NEVASTANE[®] EP



Food processing Industries



Foodgrade extreme pressure lubricant.

NEVASTANE EP is a range of premium lubricants fortified with extreme pressure, anti-oxidant and anti-rust protection for gear reducers and bearings throughout the food processing plant. Viscosity grades 100 and 150 are also recommended for use in reciprocating air compressors.

They assure long machine life while reducing contamination problems as required by the Hazard Analysis and Critical Control Point System (HACCP).

NEVASTANE EP is **NSF H1** registered, for incidental contact with food
Its formulation meets the requirements of the USA FDA, 21 CFR 178.3570.

NEVASTANE EP is **ISO 21469** certified.

NEVASTANE EP is a biostable product, it does not promote the development of bacteria and mould.

| Applications | Benefits |
|---|----------------------------------|
| ■ Gear Reducers | ■ Foodgrade |
| ■ Conveyors and chains | ■ Non-toxic |
| ■ Plain and Anti-friction Bearings | ■ Higher load protection |
| ■ Angelus Sanitary Can Closing Machines | ■ Good water separation |
| ■ Air Compressors | ■ Resists food acids and alkalis |

| Caractéristiques typiques | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|
| ISO Viscosity Grade | 100 | 150 | 220 | 320 | 460 | 680 | 1000 |
| NSF REGISTRATION H1 Code # | 12708 | 12356 | 12352 | 12314 | 12356 | 13581 | 12356 |
| AGMA grade | 1 | 3 | 3 | 3 | 4 | 5 | 1 |
| Appearance | 3 EP | 4 EP | 5 EP | 6 EP | 7 EP | 8EP | 8A EP |
| Viscosity, cSt at 40°C | 100 | 150 | 220 | 320 | 460 | 680 | 1000 |
| Viscosity, cSt at 100°C | 11.3 | 14.5 | 19.5 | 28.9 | 29.0 | 51 | 60 |
| Viscosity Index | 100 | 90 | 100 | 121 | 102 | 129 | 110 |
| Flash/ Fire Point, °C | 216/24 | 216/25 | 227/25 | 215/24 | 218/24 | 240/26 | 206/26 |
| Pour Point, °C | 6 | 0 | 4 | 3 | 3 | 3 | 8 |
| Density, kg/m ³ , 15°C | - 10 | - 10 | - 10 | - 10 | - 10 | - 9 | - 9 |
| FZG Gear Test, Stages Passed, A 8,3/90 | 850 | 875 | 878 | 877 | 877 | 884 | 879 |
| 4 Ball Wear (D-2266) 40kg, 1200 rpm, 167°F, 1 hr. | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Scar diameter, mm | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 |
| 4 Ball Weld, (D-2783), kg | 160 | 160 | 160 | 160 | 160 | 160 | 160 |

Caution: The suggested product shelf-life is 5 years from the date of manufacture. Contact your local sales representative before using product aged beyond 5 years.

TOTAL LUBRIFIANTS
Industrie & Spécialités
 16-02-2009 (supersedes 01-10-2008)
 KEYSTONE NEVASTANE[®] EP
 1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
 A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.quick-fds.com.