## PRODUCT DATA SHEET

## PAO-GEAR Food Grade Series

Synthetic Gear Lubricant

PAO-GEAR Food Grade - is a full synthetic hydrocarbon (PAO) based gear lubricant with an additive blend that includes oxidization inhibitors, anti-wear additives and an additive to improve gasket and seal characteristics.

PAO-GEAR Food Grade was developed specifically to meet the rigors of the baking, meat and poultry processing, bottling canning, dairy and packaging industries.

Available in viscosities from 100 to 680, PAO-GEAR Food Grade is suitable for gearboxes and drives in production machinery, power transmission systems, and other applications.

**PAO-GEAR Food Grade meets** FDA requirements for use where incidental contact with food is possible and is NSF Registered, H1.

Pan American Lubricants products are continually undergoing improvements in their formulation and manufacture. The values indicated in this PDS are typical production values at the time of this writing. Pan American Lubricants reserves the right to alter and update product data and typical values at any time without notice. It is the responsibility of the installer and/or purchaser to determine whether these specifications are adequate and proper for the intended application. For MSDS information visit www.panamlubricants.com or contact Pan American Lubricants.

| Properties /<br>Characteristics        | PAO-GEAR Food Grade |               |               |               |               |               |
|--|---------------------|---------------|---------------|---------------|---------------|---------------|
| ISO Grade                              | 100                 | 150           | 220           | 320           | 460           | 680           |
| Viscosity<br>@40°C, cSt<br>@100°C, cSt | 93 .6<br>12.9       | 147<br>17.6   | 225.1<br>23.4 | 319<br>30.5   | 461<br>39.1   | 683<br>52     |
| Viscosity Index                        | 136                 | 132           | 128           | 132           | 130           | 130           |
| Flash Point, °F<br>(°C)                | 460<br>238          | 460<br>238    | 504<br>262    | 518<br>270    | 518<br>270    | 518<br>270    |
| Pour Point, °F<br>(°C)                 | -44<br>-42          | -35<br>-37    | -44<br>-42    | -36<br>-38    | -31<br>-24    | -30<br>-23    |
| Copper<br>Corrosion Test               | 1b                  | 1b            | 1b            | 1b            | 1b            | 1b            |
| Specific Gravity                       | 0.084               | 0.085         | 0.085         | 0.085         | 0.085         | 0.085         |
| Foaming<br>Sequence                    | Nil                 | Nil           | Nil           | Nil           | Nil           | Nil           |
| NSF Registered<br>H1                   | (#16785<br>1)       | (#15474<br>8) | (#15474<br>9) | (#15328<br>1) | (#15326<br>9) | (#15327<br>0) |





