

## NUTRITEC SYN MF 32

**Product Code:** AZF011 | **Revision:** 20260325



NSF H1 food grade synthetic PAO multifunctional lubricant.

### Available Pack Sizes



### Applications

A very high-performance multifunctional lubricant formulated for the food industry where incidental contact may occur. Manufactured from high-purity, wax-free, fully synthetic polyalphaolefin (PAO) base oils, it delivers exceptional durability, efficiency and reliability even under extreme conditions. Surpassing the stringent requirements of the British and American Pharmacopoeias, it is designed for food, beverage, poultry and pharmaceutical processing and packaging environments. Suitable for a wide range of equipment, it provides reliable lubrication for circulating and hydraulic systems, enclosed gears, closed heat transfer systems, joints, spindles, motors, actuators, spiral freezer chains, vacuum pumps and compressors. It is also ideal for applications requiring a clean, colourless, non-staining fluid.

Recommended by Aztec Oils as suitable for the following applications

DIN 51517 Part III  
DIN 51524 Part III HVLP  
Halal & Kosher certified  
NSF H1 Ref 151464

### Benefits

- Advanced ashless additive technology provides excellent extreme pressure & anti-wear protection.
- Helps improve energy efficiency through reduced internal friction.
- Outstanding thermal & oxidation stability resists breakdown at high temperatures, reducing sludge & varnish formation.
- Resists the formation of harmful oxidation products, even at elevated temperatures.
- Suitable for multiple applications, helping to simplify inventory, streamline operations & reduce the risk of misapplication.
- Superior low temperature performance & a very low pour point enable easier start-up & rapid lubrication in cold conditions.
- Supports extended drain intervals.

### Typical Test Data

Appearance		Clear liquid
Density @ 15°C (kg/m <sup>3</sup> )	ASTM D4052	0.83
Flash Point (°C)	ASTM D92	>200
Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)	ASTM D445	32
Kinematic Viscosity @ 100°C (mm <sup>2</sup> /s)	ASTM D445	6.5
Pour Point (°C)	ASTM D97	<-50
Viscosity Index	ASTM D2207	163

The typical test data provided is taken from average values, there will be some variability in production and therefore do not constitute a

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### Health, Safety & Recommendations

- A Safety Data Sheet is available for consultation at [www.aztecoils.co.uk](http://www.aztecoils.co.uk).
- Food grade lubricants should be stored separately from other lubricants, chemical substances and foodstuffs.
- Packaging should not be left exposed to elements and drums should be laid horizontally to prevent contamination.
- Providing that the product has been stored correctly, we recommend using the product within 5 years from the date of manufacture. Upon opening a pack, the product must be used within 2 years.
- This product should not be stored at temperatures over 60°C, kept out of direct sunlight, protected from frost and fluctuations in temperature.
- When disposing of the product after use, please protect the environment and comply with local regulations.

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