



PRODUCT DATA SHEET

FOOD GRADE GEAR OIL

Hi-Tec Food Grade Gear Oil is made from synthetic hydrocarbons (Poly Alpha Olefins) and special additive packages which allow it to meet the approval requirements of the NSF H1 grade where incidental food contact can occur.

Hi-Tec Food Grade Gear Oil is recommended for gear sets, bearings, circulating oil systems and chain applications in food processing machinery.

Synthetic Versatility

Hi-Tec Food Grade Gear Oil is formulated from synthetic Poly Alpha Olefins (PAOs), renowned for their excellent thermal stability and high viscosity index. This high performance is further enhanced by **Hi-Tec's** unique additive system. The special formulation is especially effective for use in a wide range of industrial gearboxes.

Synthetic Durability

Hi-Tec Food Grade Gear Oil will provide a far longer service life than most mineral based lubricants.

- Longer life with fewer oil changes,
- Extended equipment life
- Reduced energy costs
- Excellent high and low temperature operations
- Increased oxidative stability

Compatibility

Hi-Tec PAO based lubricants are similar to mineral oils in their compatibility with paints, seals, gaskets and hoses. No special precautions related to compatibility are required when changing over from a mineral oil lubricant to **Hi-Tec Food Grade Gear Oil** synthetic hydrocarbon-based lubricant.

Hi-Tec Food Grade Gear Oil is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas. This product may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an anti-rust film, the compound must be removed from the equipment surface by washing or wiping, as required to leave the surface effectively free of any substance which could be transferred to food being processed.



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

PRODUCT DATA SHEET

PROPERTY	ASTM	UNIT	TYPICAL VALUE			
			150	220	460	680
ISO Viscosity			150	220	460	680
Item Code			2921	2925	-	-
Appearance	Visual	-	Clear			
Density @ 15°C	D.1298	kg / L	0.845	0.86	0.867	0.86
Viscosity @ 40°C	D.445	cSt	150	215	466	680
Viscosity @ 100°C	D.445	cSt	18.2	21.9	42	60
Viscosity Index	D.2270		135	137	141	155
Flash Point, PM Closed	D.93	°C	220	224	235	>200
Pour Point	D.97	°C	-33	-35	-35	-30

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner. Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

Effective: October 2014
Expires: October 2016
EH410103/2



AUSTRALIAN FAMILY OWNED SINCE 1989

