



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

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PRODUCT DATA SHEET

FG HYDRAULIC FLUIDS

PRODUCT DESCRIPTION

Hi-Tec FG Hydraulic Fluids are food grade lubricants recommended for use in hydraulic systems in food processing plants where incidental food contact can occur. They are also recommended for use in bearings, chains and valves in canning and bottling machinery.

Hi-Tec FG Hydraulic Fluids are made from synthetic hydrocarbons (Poly Alpha Olefins) and special additive packages to provide superior wear protection and temperature performance and help prevent varnish and deposit build up.

FOOD STATUS:

Hi-Tec FG Hydraulic Fluids meet the H-1 approval requirements of the NSF where incidental food contact can occur. All fluid components comply with FDA 21 CFR 178.3570 "Lubricants with incidental food contact".

APPLICATION:

Hi-Tec FG Hydraulic Fluids are recommended for hydraulic systems in food processing plants where incidental food contact may occur. They are also recommended as lubricants for bearings, chains and valves in canning and bottling machinery. They may be applied by various methods including bath reservoir, force-feed lubricator or circulating pump.

BENEFITS OF Hi-Tec FG Hydraulic Fluids:

- Will provide a far longer service life than most mineral based lubricants.
- Reduced maintenance associated with wear and mineral oil deposits
- Extended equipment life
- Compatible with mineral oils and most synthetic oils
- Reduced varnish lacquering and deposits
- Greatly reduced fire and explosion hazard
- High viscosity index for improved system performance
- Meet all requirements of FDA Regulation 21 CFR 178.3750



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Hi-Tec FG Hydraulic Fluids have a shelf life of up to two years from the date of manufacture, provided they are stored in a closed container away from heat and moisture.

TYPICAL PROPERTIES

PROPERTY	ASTM METHOD	RESULTS	
Code		HI5-2900	HI5-2905
ISO Grade		46	68
Appearance	Visual	Clear Yellow	Clear Yellow
Viscosity @100°C, cSt	ASTM D455	7.7	9.7
Viscosity @40°C, cSt	ASTM D445	46	63
Viscosity Index	ASTM D2270	135	137
Specific Gravity @15°C	ASTM D1298	0.83	0.84
Pour Point, °C	ASTM D97	-55	-45
Flash Point, °C	ASTM D92	250	250

AVAILABLE IN: 205 Litres, 20 Litres

"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"

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