



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

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PRODUCT DATA SHEET

FG HYDRAULIC FLUID 100

PRODUCT DESCRIPTION

Hi-Tec FG Hydraulic Fluid 100 is a food grade lubricant recommended for use in hydraulic systems in food processing plants where incidental food contact can occur. It is also recommended for use in bearings, chains and valves in canning and bottling machinery.

Hi-Tec FG Hydraulic Fluid 100 is 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 Fluid 100 meets 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 Fluid 100 is recommended for hydraulic systems in food processing plants where incidental food contact may occur. It is also recommended as a lubricant for bearings, chains and valves in canning and bottling machinery. It may be applied by various methods including bath reservoir, force-feed lubricator or circulating pump.

BENEFITS OF Hi-Tec FG Hydraulic Fluid 100:

- 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
- Meets all requirements of FDA Regulation 21 CFR 178.3750

Hi-Tec FG Hydraulic Fluid 100 has a shelf life of up to two years from the date of manufacture, provided it is stored in a closed container away from heat and moisture.



AUSTRALIAN FAMILY OWNED SINCE 1989





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TYPICAL PROPERTIES

PROPERTY	ASTM METHOD	RESULTS
ISO Grade		100
Appearance	Visual	Clear Yellow
Viscosity @100°C, cSt	ASTM D455	12.5
Viscosity @40°C, cSt	ASTM D445	94.5
Viscosity Index	ASTM D2270	127
Specific Gravity @15°C	ASTM D1298	0.85
Pour Point, °C	ASTM D97	-45
Flash Point, °C	ASTM D92	250

Item Code: HI5-2907

AVAILABLE IN: 205 Litres, 20 Litres

“The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided for in written contract, the product is sold without conditions or warranties, expressed or implied. Purchasers should determine the suitability of such products for their particular use. “

Effective: July 2013

Expires: July 2015

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