



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

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PRODUCT DATA SHEET

FG COMPRESSOR FLUIDS 32 - 68

PRODUCT DESCRIPTION

Hi-Tec FG Compressor Fluids are synthetic hydrocarbon based food grade lubricants, recommended for use in compressors systems in food processing plants where incidental food contact can occur. They are especially recommended for rotary compressors where incidental food contact may occur with oil in the discharge air.

Hi-Tec FG Compressor Fluids are formulated from synthetic Polyalphaolefins, renowned for their excellent thermal stability and lubricity. The ash less additives used boost the oxidation stability of the base oils and provide excellent anti-corrosive protection for steel and non-ferrous metals. Good demulsability of the fluids is maintained.

FOOD STATUS

Hi-Tec FG Compressor Fluids meet the NSF H-1 approval, where incidental food contact can occur. All fluid components comply with FDA 21 CFR 178.3570 "Lubricants with incidental food contact". **Hi-Tec FG Compressor Fluids** conform to all the requirements of Halal as endorsed by the Federation of Islamic Councils, and also the requirements of the New Zealand Food Safety Authority and Agri-Quality.

APPLICATION

Hi-Tec FG Compressor Fluids are recommended for use in food processing, baking, bottling, canning, meat processing and pharmaceutical industries where incidental food contact can occur.

BENEFITS

- Longer life with fewer oil changes, up to 8000 hours.
- Compatible with mineral oils and most synthetic oils
- Reduced compressor maintenance
- Lower oil consumption and energy costs
- Excellent anti-wear properties result in extended equipment life
- Rust and oxidation-inhibition result in extended equipment life
- Long fluid life without gumming or discolouring
- Meet all requirements of FDA Regulation 21 CFR 178.3570

Hi-Tec FG Compressor 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.

Hi-Tec suggests that the equipment manufacturers' recommendations for viscosity grade, performance requirements and general operating conditions should be checked prior to use.



AUSTRALIAN FAMILY OWNED SINCE 1989





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TYPICAL PROPERTIES

Property	ASTM Method	Typical Results		
Item Code (HI6)	-	2958	2960	2970
ISO Grade	-	32	46	68
Appearance	Visual	Clear	Clear	Clear
	Visual	Yellow	Yellow	Yellow
Viscosity (cSt) @ 100°C	D-455	5.7	7.8	10.2
@ 40°C	D-445	30	47	65
Viscosity Index	D-2270	141	135	143
Specific Gravity @ 15°C	D-1298	0.83	0.83	0.84
Pour Point (°C)	D-97	-50	-50	-50
Flash Point (°C)	D-92	250	270	250

Available in: 200 Litres and 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"

Effective: April 2018

Expires: April 2020

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