



## PRODUCT DATA SHEET

### SYN MOLY CHAIN OIL 145

#### PRODUCT DESCRIPTION

**Hi-Tec Syn Moly Chain Oil 145** is a synthetic oil based molybdenum disulphide containing chain oil. It is water resistant with an operating temperature range of -30°C to 240°C and higher. It penetrates the chain linkages and prevents corrosion, and its non-fling formulation keeps the lubricant where it should be for maximum performance.

Chains are often used to transfer power in equipment where loadings are high and speeds are low. As high pressures squeeze regular chain lubricants away from the load area these conditions make the formation of a protective lubricating film very difficult and sometimes impossible. The solids in **Hi-Tec Syn Moly Chain Oil 145** act as boundary lubricants forming a load carrying layer preventing metal to metal contact.

Slow speeds and high loadings occur on all chains at start up. The solids in **Hi-Tec Syn Moly Chain Oil 145** will give protection at these times. For high speed applications, the tackifiers in **Hi-Tec Syn Moly Chain Oil 145** reduce fling off, enhancing lubricity while minimising wastage.

In high temperature applications, the solids in **Hi-Tec Syn Moly Chain Oil 145** provide boundary lubrication after the synthetic base oil evaporates off. The synthetic base oils in **Hi-Tec Syn Moly Chain Oil 145** will lubricate up to 240 °C, after which the molybdenum disulphide particles take over the job of preventing metal to metal contact, minimizing wear and breakdown of chains at high temperatures.

**Hi-Tec Syn Moly Chain Oil 145** is formulated from the latest technology in synthetic base oils and super micronised anti wear solids and will lubricate down to - 25 °C.

**Hi-Tec Syn Moly Chain Oil 145** can be applied directly onto chains and machine parts using brush, drip feed, spray on or oil bath techniques.

#### TYPICAL PROPERTY

Property	ASTM Method	Results
Appearance	Visual	Grey
Density Kg/Lt @ 15°C	ASTM D-1298	0.848
Viscosity cSt @ 40°C	ASTM D-445	220
Flash Point COC°C	ASTM D-92	>200°C
Vapour Pressure		<0.1 mm hg



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## PRODUCT DATA SHEET

**Available in:** 200 Litres, 20 Litres, and 5 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](http://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](http://www.hi-tecoils.com.au)"

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