



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

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www.hi-tecoils.com.au

PRODUCT DATA SHEET

COMPRESSOR OILS 46, 68, 100

DESCRIPTION

Hi-Tec COMPRESSOR OILS, which are available in most ISO viscosity grades, are premium upmarket lubricants recommended for rotary vane and screw air compressors. They are also suitable for reciprocating air compressors requiring this viscosity grade.

Hi-Tec COMPRESSOR OILS are manufactured from the highest quality paraffinic base oils and are fully inhibited to protect against rust, oxidation and foam development and are Zinc Free.

CHARACTERISTICS

LONG SERVICE LIFE is assured in all equipment as they are fortified with a special balance of anti-wear additives and rust, oxidation and foam inhibitors.

WEAR PREVENTION. Special anti-scuffing additives give added protection where extreme high speed, pressure and temperature conditions are experienced.

CORROSION AND RUST PROTECTION. Effective protection is given to ferrous and non-ferrous metal and their alloys where water (salt or fresh) may be an unavoidable contaminant during service.

QUICK WATER SEPARATION. The demulsibility characteristics of the additive system used in **Hi-Tec COMPRESSOR OILS** promotes quick water separation where water is an unavoidable contaminant, thereby ensuring effective lubrication.

SPECIFICATIONS

Hi-Tec COMPRESSOR OILS meet or exceed the requirements for Atlas Copco, Joy, Fuller and many other air compressors.

For compressor oils:

- DIN 51506 (VBL, VCL, VDL)
- ISO/DP 6521 (DAA, DAB, DAH, DAG)

For hydraulics:

- DIN 51524, parts 1 and 2 (HL, HLP)
- Cincinnati Machine P-69 (ISO 68), P-70 (ISO 46)
- SEB 181 222
- VDMA 24318
- ISO 6743/4 (HM)
- US Steel 126, 127 and 136
- SS 155434
- * Denison HF-0, HF-1, HF-2
- * Parker Hannifin France HF-0
- * AFNOR NFE 48-603 (HM)
- * Sperry Vickers I-286-S, M-2950-S
- * ISO11158 (HM)



AUSTRALIAN FAMILY OWNED SINCE 1989





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TYPICAL TEST

ISO Viscosity Grade
Item Code
Density Kg/Lt at 15°C
Viscosity cSt at 40°C
 at 100°C
Viscosity Index
Flash Point COC, °C
Pour Point, °C
Aniline Point, °C
Oxidation Characteristics -
Hours to TAN 1.5
Rust Prevention -
Salt Water at 48 Hours
Foam Characteristics -
All Sequences after Settling

46	68	100
2761	2763	2765
0.884	0.887	0.889
46.0	68.0	100
6.9	8.8	11.3
105	104	100
230	243	261
-9	-6	-3
100	103	108
>1500	>1500	>1500
Pass	Pass	Pass
Nil	Nil	Nil

COMPRESSOR OILS

"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: June 2014

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