



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

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PRODUCT DATA SHEET

COMPRESSOR OILS (ISO 10 - 220)

PRODUCT DESCRIPTION

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.

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.

BENEFITS

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 **COMPRESSOR OILS** promotes quick water separation where water is an unavoidable contaminant, thereby ensuring effective lubrication.

SPECIFICATIONS

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)

SEB 181 222

VDMA 24318

ISO 6743/4 (HM)

US Steel 126, 127 and 136

SS 155434

Cincinnati Machine P-68 (ISO 32)

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)

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



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TYPICAL PROPERTIES

Property

Typical Results

ISO Viscosity Grade	10	32	46	68	100	150	220
Item Code (HI6-)	2708	2758	2761	2763	2765	2767	2782
Density Kg/Lt at 15°C	0.842	0.880	0.884	0.887	0.889	0.900	0.900
Viscosity cSt at 40°C	10.0	32.0	46.0	68.0	100	150	220
at 100°C	2.75	5.6	6.9	8.8	11.2	19.6	19.1
Viscosity Index	117	112	106	101	97	98	98
Flash Point COC, °C	182	220	230	237	248	268	276
Pour Point, °C	-33	-21	-21	-21	-19	-30	-21
Oxidation Characteristics - Hours to TAN 2	6500	6500	6500	6500	6500	6500	6500
Rust Prevention - Salt Water at 48 Hours	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Foam Characteristics - All Sequences after Settling	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Available in: Bulk, 1000 Litres, 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. 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: February 2020

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