

NISOTEC KOMPRESOL S 46



Air compressors



Improved thermal stability



Excellent anti-wear characteristics



Corrosion protection



Semi-synthetic

NISOTEC KOMPRESOL S 46 is a high-quality compressor oil designed for the lubrication of air compressors operating in various conditions at variable operating temperatures. It is formulated with high-quality base oils with specially selected ashless additives, which are characterized by high resistance to oxidation, excellent anti-corrosive, anti-wear, anti-corrosive properties and low tendency to form deposits and coke. It is used to lubricate moving parts of compressors that compress air or other non-aggressive gases.

Applications:

- Single-stage and multi-stage reciprocating, rotary and screw air compressors
- Stationary and mobile air compressors
- Some types of vacuum pumps

Characteristics	Advantages
Low ash content	Reduced deposits in the output lines, which improved the performance of the valve and compressor
Excellent anti-wear properties	The proven formulation helps reduce wear and tear, thus extending the life of the compressor's moving parts
Excellent thermal and oxidation stability	It provides excellent resistance to the formation of deposits and thus enables long-term use
Ability to extract water	Efficient removal of any water that may be present enables good lubrication of all moving parts
Exceptional protection against rust and corrosion	Effectively protects against the appearance of rust and corrosion, thereby extending the compressor's service life

Specification:

- ISO 6743-3 (L-DAA, DAB, DAG, DAH);
- DIN 51506 (VDL, VBL);
- ISO/DP 6521 (L-DAA, DAB, DAG);

Typical characteristics

Characteristics	Method	NISOTEC KOMPRESOL S 46
ISO grade		46
Kinematic viscosity at 40°C, mm ² /s	ISO 3104	46
Viscosity Index	ISO 2909	110
Cu strip corrosion, 3h, 100°C	EN ISO 2160	1a
Pour Point, °C	ISO 3016	-30
Flash Point (COC), °C	EN ISO 2592	240
Density at 15°C, kg/m ³	EN ISO 3675	857

Health, Safety and Environment

Information on the safe handling, storage and disposal of the product, as well as information on precautionary measures and potential hazards, effects on human health and the environment can be found in the Product Safety Data Sheet (SDS). Store the product in its original packaging protected from atmospheric influences. Shelf life 5 years from the date of manufacture.

Available packaging



205L