

Lubricants – Industrial oils

Version: **EEE/75**

Valvoline[™] Compressor Oil S46

Valvoline Compressor Oil S46 is a full synthetic non-toxic compressor oil intended for the lubrication of air compressors, formulated with the zinc-free ashless additives to provide protection and extended oil change interval in comparison with mineral oil based compressor oils at similar operating conditions (temperature, load).

Performance levels

ISO L-DAB/DAG/DAH/DAJ
ISO 6743-3A
DIN 51506 VD-L

Applications

Used primarily in screw compressors.

Recommended for air compressors and vacuum pumps. It allows smooth operations even at high compressed-air temperatures and improves deposit control on equipment parts.

It is also used as hydraulic fluid for transfer of power and movement in all types of hydraulic systems at normal operating temperatures where the use of ashless oils as well as oils without zinc content is required.

Features & Benefits

Long term stability

The superior low temperature properties in combination with the high viscosity index of the Valvoline Compressor S series gives a wide operating temperature range and makes winter starts easier.

High oxidation and thermal stability at high temperatures and pressures prolong the service life of the oil and the system.

It does not create a coke residue which reduces the risk of self-ignition and explosion.

The anti-wear and anti-foaming additives used in the Valvoline Compressor S series protects machine parts made of steel and non-ferrous metals, even in the presence of water.

Valvoline Compressor S series reduces the risk of fire and explosion in compressed air systems by reducing carbon formation.

Easy operation

Good hydrolytic stability and compatibility with mineral oils.

Quickly releases air, it forms a stable, continuous, lubricating film without air bubbles.

Excellent water separation. Water can get into the compressor by condensation. Moisture can accelerate the formation of precipitates and may wash away the water-soluble components of the additive. When using synthetic oils, water is quickly separated from the oil and can be released from the system, it does not lead to the formation of emulsions.

Neutral towards standard seals.

Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineeurope.com

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

Valvoline Compressor Oil S46	
Viscosity, mm²/s @ 100 °C. ASTM D-445	8.0
Viscosity, mm²/s @ 40 °C. ASTM D-445	46
Viscosity Index ASTM D-2270	150
Pour Point, °C ASTM D-97	-42
Specific Gravity @ 15.6°C. ASTM D-1298	0,865
Flash Point, COC, °C. ASTM D-92	258

This information only applies to products manufactured by:

Ellis Enterprises East doo Kruševac,
Affiliate of Valvoline
Mike Stojanovića 15, 37000 Kruševac, Serbia
Registration nr: 21368997 / TIN: 110618744

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Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <https://sds.valvoline.com/>

Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces –