

Lubricants – Industrial oils

Version: EEE/89

Valvoline™ Slideway Oil 46

Valvoline Slideway Oil 46 is a stable, high-quality slideway-lubricant, specially formulated for trouble-free lubrication of slideways of industrial machines like lathes, grinding machines, milling machines and cutting machines. Excellent adhesive and friction properties prevents stick-slip and ensure smooth movement. It is also reliable in cases where there is a high exposure of water-soluble metal-working fluids, since it is immediately and completely separated, thereby providing a longer life of the coolant and better cutting performance.

Performance levels

ISO L-HG/GA/GB
ISO 6743-13 (L-GA, L-GB)
ISO 6743-4 (L-HG)
ISO 19378 (GA/GB)
ISO 11158 HG
Cincinnati Milacron P 53

Applications

Industrial metal working machines like lathes, grinding machines, milling machines, cutting machines.

Lubrication of slideways guide carriage & tailstock.

Tool milling machines slideways.

Features & Benefits

Superior performance

Valvoline Slideway Oil is a high quality slideway oil that provides efficient lubrication of machine slideways. The product is adhesive, tacky, and prevents stick-slip. It effectively protects the slideways from wear and seizure and micro welding.

Superior protection

Valvoline Slideway Oil protects the slideways of industrial metal working machines against wear, tear, rust, corrosion, stick slip, micro welding and seizures. The corrosion protection also functions when the machine is using water-miscible cutting fluids.

Fit for use

Valvoline Slideway Oil shows that there is zero stick-slip in all stages of machine tool travel which provides the following benefits:

- Correct positioning of machine tool relative to work piece;
- Minimized rejection rates;
- Extended cutting tool life;
- Correct surface finishing;
- Excellent ability to extract water from the oil;
- Less downtime hence higher output.

Other advantages

- Stable lubricating film;
- Low coefficient of friction;
- Excellent corrosion protection of steel and non-ferrous metals;
- No discoloration of the slideways;
- Good separation from a wide range of aqueous based cutting fluids.

PRODUCT INFORMATION



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 Slideway Oil 46	
Viscosity, mm ² /s @ 100 °C. ASTM D-445	6,7
Viscosity, mm ² /s @ 40 °C. ASTM D-445	46
Viscosity Index ASTM D-2270	95
Pour Point, °C ASTM D-97	-24
Specific Gravity @ 15.6°C. ASTM D-1298	0,880
Flash Point, COC, °C. ASTM D-92	210
Cu corrosion, 3h/100°C, degree ASTM D-130	1

This information only applies to products manufactured by:

Ellis Enterprises East doo Kruševac,
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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 –