

Valvoline™ Classic Blue™ Hydraulic Oil ISO 46

Valvoline™ Classic Blue™ Hydraulic Oil ISO 46 is a mineral based oil containing rust and corrosion inhibitor and also anti-wear additive to ensure protection of equipment and pumps operating under severe service and high-pressure conditions.

Valvoline™ Classic Blue™ Hydraulic Oil ISO 46 is a zinc base hydraulic oil suitable for use in industrial and mobile applications, operating under mild or severe conditions. It is an excellent product for general industrial equipment, including machine tools, rotary air compressors, torque converters and enclosed gearboxes where extreme pressure additives are not required.

Specifications and Approvals

Valvoline™ Classic Blue™ Hydraulic Oil ISO 46*
Afnor NFE 480690 (dry)
Afnor NFE 48-603
Afnor NFE 48-691 (wet)
B.F. Goodrich 0152
Cincinnati Milacron P-70
DIN 51524, Part-2
DENISON HF-2, HF-1, HF-0
Ford M-6C32
Lee-Norse 100-1
Racine, Variable volume vane pumps
US Steel
Vickers M-2905-S, 1-286-S

*Check owners' manual before use.

Note: VALVOLINE™ CLASSIC BLUE™ HYDRAULIC ISO 46 is not recommended for Lucas pumps containing Silver bearings.

Features and Benefits

- Excellent Hydrolytic Stability
- Excellent wet and dry filterability
- Outstanding thermal and oxidative stability
- Superior rust protection
- Good Demulsibility properties

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 including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; 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.valvoline.com.au or contact the Technical Hotline on 1800 804 658 for product recommendations.

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™ Classic Blue™ Hydraulic Oil ISO 46	Typical
ISO Grade	46
Viscosity @ 100 °C, mm ² /s, ASTM D445	6.77
Viscosity @ 40 °C, mm ² /s, ASTM D445	43.1
Viscosity Index, ASTM D2270	112
Density @ 15 °C, kg/L, ASTM D4052	0.863
Flash Point (COC), °C, ASTM D92	245
Pour Point, °C, ASTM D5950	-30

Note: Classic Blue™ Hydraulic Oil ISO 46 may be unsuitable for use in some applications, always consult owners' manual if in doubt.

This information only applies to products manufactured in the following location(s): Australia

Part Number	Pack Size
1177.20	20L
1177.51	205L
1177IBC	2000L

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website www.valvoline.com.au

Protect the Environment

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

Storage

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.

Author:

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