

NextGen™ Hydraulic Oil 46

NextGen™ Hydraulic Oil 46 is a premium re-refined base oils & conventional mineral based hydraulic oil containing unique Valvoline chemistry of rust and corrosion inhibitors and also an anti-wear additive to ensure maximum protection of equipment and pumps operating under severe service and high pressure conditions.

The manufacture of re-refined base oils produces less greenhouse and toxic emissions, consumes less energy and reduces the demand for crude oil

Specifications and Approvals

NextGen™ ISO 46*
Afnor NFE 480690 (dry)
Afnor NFE 48-603
Afnor NFE 48-691 (wet)
Cincinnati Milacron P-70
DIN 51524, Part-2
Dineson HF-2, HF-1, HF-0
Jeffrey No 87
Lee-Norse 100-1
Ford M-6C32
Racine, variable volume vane pumps
US Steel 127, 136
Vickers M-2905-S, 1-286-S

*Check owners' manual before use.

Applications

NextGen™ Hydraulic Oil 46 is recommended 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 gear boxes where extreme pressure additives are not required.

Note: Not recommended for those Lucas pumps which contain silver bearings.

Please consult the owners' manual before use.

Features and Benefits

Superior Protection

NextGen™ Hydraulic oil 46 fights the three major causes of hydraulic system failure – deposits, rust and wear.

Wear Protection

The advanced Zinc Anti-wear ensures excellent wear protection and enhances component life

Viscosity Control

Delivers enhanced durability.

Superior Water Separation

Very good demulsibility and water separability performance for longer fluid life and rust prevention.



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.

NextGen™ 46	Typical
ISO Grade	46
Viscosity @ 100 °C, mm ² /s, ASTM D445	7.2
Viscosity @ 40 °C, mm ² /s, ASTM D445	46.2
Viscosity Index, ASTM D2270	116
Density @ 15 °C, kg/L, ASTM D4052	0.862
Flash Point (COC), °C, ASTM D92	232
Pour Point, °C, ASTM D5950	-33

Note: NextGen™ 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
1306.20	20L
1306.51	205L

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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