

## Ultramax Hydraulic Oil 220

Ultramax Hydraulic Oil 220 is a premium mineral based hydraulic oil containing rust and corrosion inhibitors plus anti-wear additives to ensure protection of equipment and pumps operating under severe service and high pressure conditions.

Ultramax Hydraulic Oil 220 is zinc based, non-detergent oil with excellent oxidation and demulsibility characteristic designed for a wide range of mobile and stationary equipment operating under wide range of conditions.

### Specifications and Approvals

Ultramax ISO 220*
Afnor NFE 480690 (dry)
Afnor NFE 48-603
Afnor NFE 48-691 (wet)
Bosch Rexroth
DIN 51524, Part-2
DENISON HF-2, HF-1, HF-0
Eaton Brouchre 03-0401-2010
Ford M-6C32
GM LS-2, LH-03, LH-04, LH-06
JCMAS
Joy Mining Machinery HO-T, HO-S, HO-T2
Jeffrey No 87
Lee-Norse 100-1
Parker Hannifin HF-2, HF-1, HF-0
Racine, Variable volume vane pumps
US Steel 126, 127, 136
Vickers M-2905-S, 1-286-S

\*Check owners' manual before use.

### Applications

They are available in ISO Grades from 15 to 460 and are 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.

Not recommended for use in ammonia compressors, as heat transfer oil, equipment/pumps with silver bearings.

Please consult the owners' manual before use.

### Features and Benefits

#### **Superior Protection**

Ultramax 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 performance for longer fluid life and rust prevention

# 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](http://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.

Ultramax 220	Typical
ISO Grade	220
Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	19.70
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	223.0
Viscosity Index, ASTM D2270	101
Density @ 15 °C, kg/L, ASTM D4052	0.8970
Flash Point (COC), °C, ASTM D92	240
Pour Point, °C, ASTM D5950	-27

Note: Ultramax 220 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
2179.51	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](http://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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Replaces - 2179/05