

Optimum Choice

Valvoline Optimum Choice Grease is a partial synthetic, lithium complex grease designed especially for extended service intervals and severe duty service in on-highway, off-road, and industrial applications.

Its viscous base stock provides exceptional water washout resistance, reduced squeeze out due to heavy loading and high temperature performance. In addition, it contains high molecular weight polymers to provide excellent adhesion and tackiness properties. The product is formulated with anti-wear and extreme pressure additives, corrosion and oxidation inhibitors. It contains additional dye content for long lasting color verification.

Valvoline Optimum Choice grease is recommended for on-highway extended service interval fleet applications, including chassis, steering, fifth wheel, water pumps, and wheel bearings. It is also recommended for use in off-road construction and mining, agricultural, and industrial applications.

Specifications and Approvals

Optimum Choice*
NLGI 2
Lithium Complex Grease

*Check owners' manual before use.

Applications

DO NOT MIX GREASES. Ensure that all bearings are washed out prior to repacking. Repack in accordance with acceptable practices recommended by the equipment manufacturer.

Features and Benefits

High Drop Point

Has a drop point of above 260°C and is of smooth structure and has excellent adhesive properties.

Excellent Antiwear & EP performance

Fortified with antiwear and EP additives, provides high shock loading protection

Premium Performance

Provides excellent wear protection under heavy loading and shock loading

Multi-Purpose

Designed for use in automotive, trucks, industrial, earthmoving and farming applications

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.

Optimum Choice	Typical
NLGI Grade	2
Thickener Type	Lithium Complex
Colour	Red
Appearance	Smooth/Tacky
Worked Penetration 60 Strokes, 25 °C	265-295
Worked 10,000 Strokes, 25 °C	265-295
Dropping Point, °C, ASTM D2265	260 Min
Water Wash Out, @ 79 °C, % Loss ASTM D1264	5.0
Rust Prevention, ASTM D1743	Pass
Four Ball Wear, mm Scar Diameter, ASTM D2266	0.70
Four Ball EP Weld Point, ASTM D2596	500 Min
Timken OK Load, kg, ASTM D2509	60
Oil Viscosity, @ 40 °C, cSt	565-625
Oil Viscosity, @ 100 °C, cSt	32.5-34.5
Viscosity Index, cSt	90

Note: Optimum Choice grease may be unsuitable for use in certain 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
0770.82	450gm
0770.65	20KG
0770.62	180KG

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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