

PRODUCT INFORMATION



Lubricants – Greases

Version: EEE/112a

Valvoline™ Earth Open Gear 0

High performance and high viscosity semi-fluid lubricating grease for central lubrication systems for open gear transmissions used in mining, quarry, construction, cement, steel and other general industrial applications.

Valvoline Earth Open Gear 0 is an extra high viscosity and semi-fluid NLGI 00 lubricating grease for lubricating open high-loaded gears. Its fortified with extreme pressure additives and a special thickener that provides excellent load carrying capacity of permanently high and impact loads. This grease has demonstrated to offer excellent anti-wear properties, great adhesion and superb corrosion protection in open gears. It can help to reduce vibrations and noise.

Performance levels

ISO 6743-9:	L-X BCIB 0 ISO L-CKL
DIN 51 502:	OGPF 0K-25

Applications

Recommended for central lubrication systems.

Suitable for lubrication of open transmission gears, racks, ring gears and chain pulleys by central system procedure, by spraying – dispersing.

Also recommended for lubrication of steel ropes, sliding cylindrical and ball surfaces with significant high specific loads.

Features & Benefits

Heavy loaded gear performance

Because of its extra high viscosity (1000), extreme pressure additives and special thickener Valvoline Earth Open Gear 0 grease provides excellent adhesiveness and great mechanical and colloidal stability in slow moving heavy loaded open gears.

Special protection for open gears

Because of nature of open gears, this grease is specially developed to form a strong protective film on the gears to keep water and dust out and to protect against high pressure temperatures, early oxidation and pre-mature wear. It can help to reduce operational costs, by extending lubrication intervals and saving on maintenance activities.

Improved working conditions

The absence of toxic or smearing components improves the working environmental conditions. Its enhanced grease formulation results in a grease that does not dry out at high temperatures and does not form a hard paste in the roots of the gear. Consequently this grease can help to reduce noise levels and equipment vibrations.

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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 Earth Open Gear 0	
NLGI grade	0
Soap type	Lithium
Colour	Black
Texture	Tacky
Density @ 20°C	0.90
Application temperature °C	-25 to +125
Dropping Point, °C ISO 2176	150
Oil Viscosity, mm ² /s @ 40°C ISO 3104	1000
4-Ball Weld Load, N ASTM D 2596	6200
Average wear diameter, mm ASTM D 2266	0.5

This information only applies to products manufactured by:

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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 and grease 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, protected from direct influence of sun and moisture, away from the ignition source. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Recommended storage temperature: - 5°C to +25°C.

Replaces – EEE/112

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