



Multis Complex XHV 2 Moly

DESCRIPTION

High-temperature and extreme-pressure lithium-calcium complex soap grease containing 5% solid lubricants

APPLICATIONS

MULTIS COMPLEX XHV 2 Moly is an extreme pressure and anti-wear grease containing 3% of MoS₂.

Particularly suitable for centralized lubrication of off-road vehicles used in the mining industry. Highly recommended for slow moving plain and heavily loaded rolling element bearings subject to shock loads and high temperature. Designed for lubrication of Pin & Bushes, Bearings, Swing Gears in mining equipment.

SPECIFICATIONS

ISO 6743-9 : L-XBEHB 2

DIN 51502 : KPF2P-20

Suitable for : P1, P2, P3 & OHT of LIEBHERR, CATERPILLAR, KOMATSU, P&H...

AVANTAGES

With its sophisticated formula, **MULTIS COMPLEX XHV 2 Moly** meets the lubrication requirements of various equipment.

The lubricant film performs very well in service, resisting water, temperature variations, and contamination, helping to reduce maintenance costs.

Compatible with most conventional greases.

MULTIS COMPLEX XHV 2 Moly contains no lead or other heavy metals considered harmful to human health or the environment.

Longer lubrication interval thanks to its excellent adhesiveness and water resistance.

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded at ms-sds.totalenergies.com

RECOMMENDATIONS

MULTIS COMPLEX XHV 2 Moly is also recommended for the lubrication of slewing rings, chassis parts, gears and couplings in automotive and industrial applications such as underground tunneling, cement sugar and crushing plant, mining equipment.

TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	MULTIS COMPLEX XHV 2 MOLY
Thickener		-	Complex Lithium
NLGI Grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Black
Appearance	Visual	-	Smooth
Temperature range		°C	-20 to 160
Penetration at 25°C	ASTM D 217/DIN 51 818	0.1 mm	265 – 295
Dropping point	IP 396/DIN ISO 2176	°C	> 250
4-ball wear	ASTM D 2266	mm	0,46
4-ball weld load	ASTM D 2596	Kgf	> 620
Water wash out at 79°C	ASTM D 1264	% mass	2,6
Anti-rust performance SKF-EMCOR	DIN 51 802/IP220/NFT 60-135/ISO 11007	rating	0 – 0
Base oil viscosity at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm ² /s (cSt)	800
Flow pressure at -20°C	DIN 51805	mbar	< 1400
Oil separation 168 h à 40°C	DIN 51817 / ASTM D-1742 -IP21	%	2,0

Above characteristics are mean values given as an information

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