

MULTIS COMPLEX XHV 2 Moly



Lubricating Grease

Premium Mining, Off Road and Industrial grease with extreme pressure and thermal resistance properties containing 5% of solid lubricants.

APPLICATIONS

Heavy loads, extreme heat humid and dusty environments

Designed specially for mining equipment: dump trucks, hydraulic excavators, rope shovels, draglines, graders, drills etc...

- **MULTIS COMPLEX XHV 2 Moly** is an extreme pressure and anti-wear grease containing solid lubricants consisting of 3% MoS₂ and special friction modifiers to boost the performances of the grease in operation. **MULTIS COMPLEX XHV 2 Moly** has also exceptional **adhesive properties** and **extended service** capabilities.
- **MULTIS COMPLEX XHV 2 Moly** is especially designed to handle the lubrication demands of equipment used in the **mining industry**. It is recommended for slow moving plain and heavily loaded rolling element bearings subject to shock loads and high temperature.
- **MULTIS COMPLEX XHV 2 Moly** is also recommended for the lubrication of slow moving bearings, chassis parts, gears and couplings in automotive and industrial applications such as underground tunneling, cement sugar and crushing plant.

SPECIFICATIONS

Classifications

ISO 6743-9: L-XBEHB 2
DIN 51502: KPF2 P- 20

Suitable for

CAT/Bucyrus SD 4711
P&H 520
Liebherr specifications P1, P2, P3 and OHT
CAT Multi Prupose 3% Moly requirement

Komatsu Epiroc
CAT Sandvik
Hitachi JCB
Volvo Atlas Copco
ETC...

ADVANTAGES

Rationalisation

Low equipment downtime

Simple lubrication

- Suitable for various types of equipment (swing gear, pin and bushes, bearings, etc...) then able to reduce the number of greases on site.
- Very good resistance to water, variations in temperature and pollution. Longer lubrication interval thanks to enhanced mechanical stability versus simple lithium greases
- Reduced wear induced by severe usage of equipment and increases the lifetime of parts.

TYPICAL CHARACTERISTICS	METHODS	UNITS	MULTIS COMPLEX XHV2 Moly
Thickener		-	Complex Lithium
NLGI Grade	ASTM D 217/DIN 51 818	-	2
Color	Visual	-	Black
Appearance	Visual	-	Smooth
Base oil viscosity at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm ² /s (cSt)	800
Temperature range		°C	- 20 à 160
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	265 – 295
Dropping Point	IP 396/DIN ISO 2176	°C	>240
4-ball Scar	ASTM D2266	mm	0.46
4-ball Weld load	ASTM D2596	Kgf	≥620
Flow pressure at -20°C	DIN 51805-2	mbar	<1400
Oil separation - 168 hours at 40°C	DIN 51817 / ASTM D-1742 - IP21	%	2.0

Above characteristics are mean values given as an information

TOTAL LUBRIFIANTS INDUSTRIE

11.02.2020 (supersedes 12-03-2019)
MULTIS COMPLEX XHV 2 Moly
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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. is obtainable via your commercial adviser www.quick-fds.com.