



MULTIS COMPLEX HV2 Moly

DESCRIPTION

Superior extreme-pressure and high-temperature complex lithium soap grease for mining, off road and industrial applications.

SPECIFICATIONS

CATERPILLAR MULTI PURPOSE GREASE WITH MOLY (MPGM)

Suitable for : CAT; Epiroc; Komatsu; Sandvik; Hitachi; JCB; Volvo; Atlas Copco; Bucyrus; P&H

ISO 6743-9 : L-XCEHB 2

DIN 51502 : KPF2P-30

APPLICATIONS

MULTIS COMPLEX HV2 Moly is an extreme pressure and anti-wear grease containing 5% of solid additives consisting of 3% of MoS₂ and special friction modifiers to boost the performances of the grease in operation.

MULTIS COMPLEX HV2 Moly is adapted to the lubrication of all applications operating under severe conditions, more particularly under high load and high-temperature constraints for which a conventional lithium soap grease is no longer sufficient.

MULTIS COMPLEX HV2 Moly is a multipurpose grease, specially formulated for the lubrication of ball bearings, plain bearings, roller bearings, subjected to high loads and for lubrication of any application subjected to impacts and vibrations in mining, transportation, agriculture and off-road vehicles.

MULTIS COMPLEX HV2 Moly is also well-suited to any industrial application in which an NLGI 2 grade high-temperature and extreme-pressure grease is required.

ADVANTAGES

Thanks to its sophisticated formulation, **MULTIS COMPLEX HV2 Moly** is able to meet the lubrication requirements of various types of equipment, enabling to reduce the number of greases on site.

Enhanced oil film resistant to water ingress, variations in temperature and pollution which makes it possible to reduce maintenance costs and increase productivity.

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 HV2 Moly is miscible with the majority of conventional greases.

CARACTERISTIQUES TYPES

CARACTERISTIQUES TYPES	METHODES	UNITES	MULTIS COMPLEX HV2 Moly
Thickener		-	Complex lithium
NLGI grade	ASTM D 217	-	2
Colour	Visual	-	Grey
Appearance	Visual	-	Smooth
Pourcentage of MoS2	-	%	3
Operating temperature range	-	°C	- 30 to + 160
Penetration at 25°C	ASTM D 217	0.1 mm	265 - 295
4 ball weld load	ASTM D 2596	kgf	≥ 400
SKF- EMCOR anti-rust performance	ISO 11007	rating	0 - 0
Dropping point	IP 396/DIN ISO 2176	°C	> 260
Viscosity of base oil at 40°C	ASTM D 445	mm ² /s (cSt)	340

Above characteristics are mean values listed for purposes of information

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