

RENOLIT FLM

Universal high performance lithium grease with moly.

Description

RENOLIT FLM 2 is a high quality lithium grease containing molybdenum disulphide powder, conforming to NLGI consistency No. 2. It has a high melting point, and excellent mechanical stability as indicated by its resistance to change in consistency. It also is non-corrosive, and has high resistance to water washing and oxidation.

The "technical fine" grade molybdenum disulphide used in the manufacture of this grease has an extremely low particle size (96% of the particles of this grade are under 2 microns in size), which eliminates the abrasiveness associated with lower quality grades of moly additives.

Application

For conditions where heavy shock loading, particularly on slow oscillating or reciprocating bearings, and for applications designed for extended intervals between re-lubrication, many automotive and construction equipment manufacturers recommend a grease fortified with molybdenum disulphide.

Such a grease should be non-abrasive and non-corrosive, and should have high resistance to oxidation and the washing action of water. The ideal grease for such applications should have an inherently high mechanical stability, in order to retain its lubricating ability over long periods of heavy use. RENOLIT FLM 2 meets all these requirements, where a molybdenum disulphide grease of No. 2 consistency is specified.

RENOLIT FLM 2 grease is also recommended for lubrication of automotive chassis points including shackle pins, ball joint suspension units, and other parts, particularly in trucks, trailers or construction equipment where shock load conditions may prevail. It is particularly recommended for chassis lubrication of late model automobiles with extended lubrication intervals, where the manufacturer recommends moly-grease. Many fleet operators for lubrication of fifth wheel assemblies of tractor-trucks prefer RENOLIT FLM 2.

CHARACTERISTICS

Properties	Units	Value	Test Method
NLGI Grade		2	DIN 51 818
DIN Classification		KPF 2 K-20	DIN 51 825
Colour		Dark Grey	
Soap Type		Lithium	
Worked Penetration	0.1 mm	285	ASTM D-217
Dropping Point	°C	188	ASTM D-566
Base Oil Viscosity @ 40°C	mm ² /s	120 - 130	ASTM D-445
Four ball EP-test, weld load	N	3000	ASTM D-2596
Oxidation Stability	Bar	0.3	ASTM D-942

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While the information and figures given here are typical of current production and confirm to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the product

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