



TECHNICAL DATA SHEET

TOTAL MULTIS COMPLEX HVM GREASE

MULTIS COMPLEX HVM is a multi-purpose extreme pressure lithium complex grease formulated with high quality petroleum base oil and premium additives that ensure protection and performance under both mild and adverse conditions. This grease is further fortified with molybdenum disulfide, known for its excellent lubricating properties and its ability to coat metal surfaces as a protection against wear, **MULTIS COMPLEX HVM** grease provides a superior protection to equipment exposed to severe conditions in transport, mining, and construction equipment.

APPLICATIONS

MULTIS COMPLEX HVM grease is recommended for the lubrication of industrial, automotive, mining, and construction equipment. Some specific applications include: sliding tandems, loaded ball joints, loaded bearings, fifth wheels, chassis points, pumps, motors, and universal joints. **MULTIS COMPLEX HVM** grease is the ideal choice in a wide variety of severe applications where additional protection is required.

ADVANTAGES

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| High film strength | - Maximum resistance against film rupture due to speed, load and temperature. |
| High load capacity | - Reduces scuffing, scoring and seizure of bearing and gear surfaces under heavy loads, shock loads, or overloads. |
| MOLY protection | - Provides added protection against wear, sliding and oscillating friction, galling, seizing, gouging, and noisy metal-to-metal contact. |
| Excellent against water | - Minimizes water washout and corrosion of surfaces when there is water in the system. |
| Outstanding rust and oxidation protection | - Provides a better rust protection and longer oxidation protection. |
| Excellent mechanical stability | - Retains its structure and consistency even after severe operation. |
| Excellent reversibility | - Maintains its structure and consistency after repeated heating and cooling cycles. |
| Excellent pumpability | - Can be used in central lubricating systems. |

TYPICAL PROPERTIES OF MULTIS COMPLEX HVM

PROPERTIES	TEST ASTM	HVM
Product code	-	400000
NLGI Grade	-	2
Viscosity in cSt at 40°C	D445	340
Dropping point in °C	D566	260
Color	D1500	Gray to Black
Timken load OK in kg (pounds)	D2782	18 (40)
Thickener	D128	Lithium Complex
Molybdenum in wt. %, minimum	---	5
Penetration	D217	270 to 295
Rust test (corrosion)	D1743	Pass

REMARK: Although the preceding values are typical properties, they do not represent guaranteed characteristics.