



The Ultimate Lubricant

51

DESCRIPTION:

Omega 51 is a highly versatile grease that is ideally suited for use in all high speed electric motors and bearings, including roller, needle, and practically all other types of bearings.

HIGH-PURITY:

Omega 51 is a premier-purity lubricant and as such, should not be mixed with, or come into contact with ordinary greases. Systems and parts should be thoroughly flushed before using Omega 51.

ADDED ADHESIVENESS:

Omega 51 ensures a surface tenacity that no ordinary lubricant can provide. Omega 51 will stay in position, even under washout conditions, thus ensuring long production runs under cooler and more protective conditions.

EXTENSIVE RESEARCH:

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SUPPLEMENTS:

Color Coding	Yes
Exceptional Shear Stability	Yes
Extreme Pressure Properties	Yes
Megalite Supplements	Yes
Molybdenum Disulfide	Yes
Oxidation Resistors	Yes
Performance Improvers	Yes
Rust Inhibitors	Yes
Water Resistance Additives	Yes

PREVENTION OF WEAR AND LONGER EQUIPMENT LIFE:

Omega 51 ensures that equipment moving parts are protected and, as a result, the operational lifespan of the equipment is greatly increased, thereby assuring the continued function of the equipment.

LOWER COEFFICIENT OF FRICTION:

Omega 51, due to its lower coefficient of friction, heralds a new era in bearing speed capacity. Omega 51 contains a specially developed gellant that enables formerly limited speed bearings to undertake considerably more efficient and productive speeds in keeping with modern equipment design and construction.

APPLICATIONS:

Omega 51 can be used in any number of different and varied operations: Ball Bearings, Roller Bearings, Needle Bearings, High (and Low) Speed Bearings Conveyors, Cranes, Crushers, Paper Mill Machinery and Equipment, Pumps, Winches, Hammer Mills and many other operations. This lubricant provides maximum equipment protection for longer periods because it ensures total surface coverage, even under extreme conditions.

Omega 51 can be used as a single, multi-purpose grease on construction projects, steel mills and all type of bearings including hand-packed bearings, grease fittings, wheel bearings and many others.

TYPICAL DATA:

Omega 51 meets and exceeds Ford MIC 75B Specifications.

TEST	ASTM EST METHOD	TEST RESULT
Mineral Oil Base: -		
Viscosity @ 40°C, cSt	D-445	150
Viscosity @ 100°C, cSt	D-445	14.5
Flash Point, COC, °C (°F)	D-92	221(430)
Pour Point, COC, °C (°F)	D-97	-15(5)
Dropping Point, °C (°F)	D-566	176(350)
Worked Penetration @77°C, 150 gm cone	D-217	265-295
Timken OK Load, lbs. min.	D-2509	45
Rust Prevention	D-1743	#1 rating
Oxidation Stability, lbs. loss in 100 hrs.	D-942	5.0
Water Washout, % loss after 2 hrs. @ 175°F	D-1264	7.0
Lubricant Stability	-	#1 rating
NLGI Grade	-	#2
Operating Temperature Range °C (°F)	-	-7 to 148 (20 to 300)
Color	-	Moly Grey

The characteristics given above are typical of current production only and slight batch to batch variations should be expected.