

480-M **Armor Plate with Moly-D** **Ultragard®** Oil Supplement

Description: Armor Plate with Moly-D Ultragard is a highly viscous oil supplement which contains a shear-stable viscosity index improver to beef up any oil's film strength and the ability to keep engines cleaner. But, in addition, it contains a concentrate of Moly-D which will give Armor Plate protection to any oil, including motor oils, gear oils, hydraulic oils, compressor oils, and oils for other applications.

Composition: Armor Plate Ultragard combines a highly refined viscosity index improver with a wide variety of stabilizing agents such as:

Acid Neutralizers
Anti-Wear Additives
Anti-Foam Agents

Oiliness Additives
Corrosion Inhibitors
Thermal Stability Agents

Armor Plate Ultragard helps any oil's ability to maintain proper viscosity under high heat conditions and contains components designed to reduce carbon and engine wear. It is also available without Moly-D. Ultragard is compatible with all petroleum and PAO based oils.

Performance Characteristics:

Controls Consumption
Removes Engine Deposits
Improves Power
Neutralizes Harmful Engine Acids
Improves Compression
Prevents Excessive Wear
Restores Oil Pressure

Reduces Blow-By
Reduces Lifter & Valve Noise
Reduces Frictional Drag
Seals Rings Better
Reduces Piston Scuffing & Scoring
Reduces Amperage on Electrically Driven Equipment

Armor Plate Ultragard used at 10% with any oil will add just as much Moly-D to that oil as is contained in Primrose Armor Plate with Moly-D oils. Adding it to oils which already contain Moly-D will further increase protection

Typical Applications:

Industrial plants
Farm tractors
Heavy duty trucks
Power plants
Excavators
Logging equipment
Earth Moving equipment

Stationary engines
Farm Implements
Drilling rigs
Oil production engines
Fork lifts
Boats
Irrigation pump engines



**Uses with
Mix Ratios**

Product Use

Mix Ratio

All gasoline & diesel engine oil
(1 part 480M to 10 parts of oil)

1:10 mix

Gear oil:

SAE: 80, 90, 140, 250, 75W90
80W90, 80W140, 85W140
ISO: 320, 460, 680, 1000
AGMA: 6EP, 7EP, 8A

Gear oil :

1:15 mix

ISO 68, 100, 150, 220
AGMA 3EP, 4EP, 5EP

Gear oil :

1:20 mix

AGMA 1, 2EP

Hydraulic oil

Air compressor oil

Rock drill oil

Manual transmission oil

Facilities parts assembly (apply liberally to parts prior to assembly)

Note: Recommended mix ratios are important for amperage reduction.

Caution: Armor Plate Ultragard is not designed for use with fluids having special frictional characteristics such as those used in automatic transmissions, wet clutches, or any type of friction drive.

**Typical
Specifications:**

Viscosity,	27.5
cs @ 100 °C.	
Specific Gravity	0.85
Color ASTM	very dark green
Flash, °F. (COC)	142
Pour, °F.	-5
Acid Test	Excellent
1-H Test (M2C101B)	Pass
Piston skirt varnish (10=clean)	9.0