

212M | **Armor Plate with Moly-D[®]** Multi-function Industrial Oil

DESCRIPTION:

Armor Plate with Moly-D 212M is blended from highly refined base stock oils and selected additives to provide an oil suitable for a wide variety of industrial applications. It is available in all viscosities, all with excellent low temperature flow characteristics and high viscosity index.

COMPOSITION:

212M contains the following additives:

- Oxidation Inhibitors
- Anti-foam Agents
- Anti-wear Agents
- Rust Inhibitors
- Corrosion Inhibitors
- Pour Point Depressants

Armor Plate 212M contains the superior friction-reducing compound, Moly-D.

PERFORMANCE CHARACTERISTICS:

Oxidation unchecked is approximately doubled for every 20-degree rise in temperature. 212M prevents oxidation, which can clog small orifices and tightly fitted parts and lead to corrosion of metal surfaces. Special additives in 212M prevent rusting by forming a protective film on metal surfaces.

The positive lubrication provided reduces fluid operating temperatures. 212M provides better overall mechanical efficiency combined with less power consumption. It is extremely inexpensive due to its long life and reduced wear and tear on parts.

212M is blended with base stocks, which have excellent resistance to emulsification and high resistance to foaming.

212M has excellent thermal and oxidative stability. It passes a 5,000 hour ASTM D943 Oxidation Stability Test.

USES:

212M is engineered to give efficient operation and excellent lubrication in all types of industrial applications and operating conditions.

212M far exceeds the anti-wear requirements for Vickers Pumps as shown in the Vickers Pump Test and also Denison Pump Division under both their HF-2 and HF-O specifications.

APPLICATIONS:

- Compressor Oil
- Turbine Oil
- Hydraulic Fluid
- Gear Head Oil
- Spindle Oil
- Chain Oil
- Drip Oil



PRIMROSE PLUS

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TYPICAL SPECIFICATIONS:

Test	Method	ISO		Viscosity		Grade	
		22	32	46	68	100	150
Viscosity:							
@ 40°C, cSt	D445	22	32	46	68	100	150
@100°C, cSt	D445	4.2	5.4	6.8	8.9	11.4	14.7
@100°F, SUS	D 88	106	151	215	316	464	696
@210°F, SUS	D 88	40	43	48	55	64	76
Viscosity Index	D2270	88	102	102	103	100	97
Gravity, °API	D1298	31.4	32.4	31.8	30.0	29.0	28.7
Flash Point, COC, °F	D92	380	460	460	465	470	470
Pour Point, °F max.	D97	-25	-20	-20	-20	0	+5
Copper Corrosion	D130	1a	1a	1a	1a	1a	1a
Emulsion Test. 130°F							
30 minutes max	D1401	Pass	Pass	Pass	Pass	Pass	Pass
Rust Test	D665B	Pass	Pass	Pass	Pass	Pass	Pass
Turbine Oil Stability Test, HrsD943		3000+	5000	5000	5000	3000+	3000+