

210V | **Armor Plate with Moly-D** Vacuum Pump Oil

DESCRIPTION:

Armor Plate with Moly-D Vacuum Pump Oil No. 210V is blended from highly refined base stock oils and selected additives to provide an oil suitable for a wide variety of vacuum pumps. It is available in light, medium and heavy weight oils, all with excellent low temperature flow characteristics and high viscosity index.

COMPOSITION:

WB 210V contains the following additives:

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

Armor Plate No. 210V contains the superior friction-reducing compound, Moly-D.

**PERFORMANCE
CHARACTERISTICS:**

Oxidation unchecked is approximately doubled for every 18° F rise in temperature. Oxidation is prevented which can clog small orifices and tightly fitted parts and lead to corrosion of metal surfaces. Special additives prevent rusting by forming a protective film on metal surfaces.

The positive lubrication provided reduces fluid operating temperatures and 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.

Base stocks are utilized which have excellent resistance to emulsification and high resistance to foaming.

USES:

Engineered to give efficient operation and excellent lubrication in all types of vacuum pumps and operating conditions.



PRIMROSE PLUS

210V Armor Plate with Moly-D Vacuum Pump Oil

APPLICATIONS:

Vacuum Pumps

Note: 210 V is for vacuum pumps pumping atmospheric air only, not pumps pumping oxygen or other gases.

TYPICAL SPECIFICATIONS:

	ASTM Method	Extra Light	Light	Med	Heavy
ISO Viscosity Grade		32	46	68	100
Viscosity					
SUS @ 100°F	D-2161	154	205	315	463
SUS @ 210°C.	D-2161	44	48	55	64
cSt @ 40°C.	D-445	30	44	68	100
Viscosity Index	D-2270	104	103	103	100
Flash, °F.	D-92	460	460	465	470
Pour, °F.	D-97	-25	-25	-20	0
Gravity, °API	D-287	32.4	31.8	30.0	29.0
Total Acid Number					
mg KOH/g	D-664	1.3	1.3	1.3	1.3
Copper Strip, 3 hr/212°F.	D-130	1	1	1	1
Conradson Carbon, %	D-189	.25	.25	.25	.25
Aniline Point, °F.	D-611	229	229	235	245
Demulsibility at 130°F.	D-1401				
Separation, minutes		15	15	15	15
Foam, Tendency/Stability	D-892				
Sequence 1, ml.		25/0	25/0	25/0	25/0
Sequence 11, ml.		25/0	25/0	25/0	25/0
Sequence 111, ml.		25/0	25/0	25/0	25/0
Rust, Distilled Water	D-665A	Pass	Pass	Pass	Pass
Rust, Synthetic Sea Water	D-665B	Pass	Pass	Pass	Pass
Oxidation Stability, hrs.	D-943	2800	2800	2800	2800
4-Ball Wear Scar, mm.	D-2266	.35	.35	.35	.35
FZG Test, load stages passed		9	9	9	9
Timken OK Load		35 lb.	35 lb.	35 lb.	35 lb.
Appearance	Visual	Bright	Bright	Bright	Bright