



TECHNICAL DATA

M-500 PNEUMATIC AIR LINE OIL

MOLYSYN - 500 : Is truly Multi-purpose Hydraulic System, Compressors, Airline (Pneumatic) Lubricators, Oil Circulating Systems and General Machinery Lubrication and scientifically formulated from high quality, solvent - refined paraffin base stocks with the most advanced features:

- * High VI paraffin base stocks, retain uniform viscosity over wide temperature Range
- * Exclusive anti - oxidation inhibitor for long life at elevated temperatures
- * Good foam dispersant additive
- * Superior rust and corrosion protection
- * Quick water separation capability
- * Improved pliability of seals, reduce oil leakage and consumption

PRODUCT INFORMATION

Molysyn - 500 is the most advanced multipurpose oil, carefully refined with selected premium base stocks and advanced additive chemistry an exclusive oxidation and wear inhibitors to provide much longer service life.

HIGH VI PARAFFIN BASE STOCKS: MOLYSYN - 500 has an excellent thermal stability, will not thin off at high temperatures, and reduce tendency to thicken at low temperature.

LONG LIFE PERFORMANCE: MOLYSYN- 500 the paraffin based oils is enhanced with a unique oxidation inhibitor to resist heat and deliver protection far beyond than the conventional oil, to extend its service life, minimize waste oil disposal.

ANTI - FOAM INHIBITOR: MOLYSYN - 500 dispersing foam constantly, by separating entrained air from the oil to avoid direct metal - to - metal contact and to release the trapped heat.

ANTI - RUST AND CORROSION: A chemical bond will build on the surface to prevent acids and moisture attacked.

WEAR PROTECTION: The unique additive is to act as a synergist and to form a protective film on the moving part to prevent friction and reduce wear substantially.



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TYPICAL SPECIFICATION:

ISO Viscosity	15	22	32
SAE GRADE		5	10
GRAVITY, °API			
SPECIFIC @ 15.6 ° C	0.877	0.877	0.879
VISCOSITY :			
SUS @ 100 ° F	166	228	339
SUS @ 210 ° F	44.2	48.1	54.4
cST @ 40 ° C	32.2	44.2	65.1
cST @ 100 ° C	5.3	6.5	8.4
VISCOSITY INDEX	99	99	99
POUR POINT, ° F (° C)	0(-17.7)	0(-17.7)	5(-15)
FLASH POINT, ° F (° C)	403(206)	413(212)	435(224)

DISTILLED

WATER.....PASS.....

SALT

WATER.....PASS.....

COPPER CORROSION:

3hrs @ 100 ° C	1	1	1
COLOR	Base Oil	Base Oil	Base Oil