



# TECHNICAL DATA

## M-505 MULTI PURPOSE SUPREME COMPRESSOR OIL

**MOLYSYN - 505** : 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 - 505** 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 - 505** has an excellent thermal stability, will not thin off at high temperatures, and reduce tendency to thicken at low temperature.

**LONG LIFE PERFORMANCE: MOLYSYN- 505** 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 - 505** 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:

<b>ISO Viscosity</b>	<b>15</b>	<b>22</b>	<b>32</b>
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