

# SYNTH CHAIN OIL - 32, 150, 150M, 220M, 220, 320

*(Synthetic high temperature chain and lubricating fluid)*

## DESCRIPTION:

**SYNTH CHAIN OIL** are fully synthetic lubricants specially designed to lubricate bearing, chains, slides, gears and other mechanisms for application where temperature often exceeds 300 °C. It is formulated with high molecular weight synthetic hydrocarbons, special diesters & polymers with a special anti-wear additive pack to provide exceptional performance lubrication in severe conditions encountered in drying & ovens. It gives a clean carbon-residue free on the chains and trouble-free operations at elevated temperatures. This state-of-the-art chain lubricant will provide outstanding performance on all type of industrial & transport equipments including roller chains, tooth chains & antifiction bearings as well as sliding & plain guides.

## APPLICATIONS:

**SYNTH CHAIN OIL** is recommended for applications where continuous roller chains, sliding conveyers, plain & antifricion bearing, cams, slides, drying tunnel, lithographing & annealing ovens, circulating oil systems, textile, glass, steel, wood industries (wood panel presses, Gypsum board & plywood kilns), transport and drive chains, Control & lifting chains, Chains in painting equipments.

## Recommendations in Use:

- When a light colored product is needed, use **SYNTH CHAIN OIL 32, 150 & 220**.
- For the lowest Volatility rate & minimum consumption, use **SYNTH CHAIN OIL 320**.
- For the lowest evaporation rate, use **SYNTH CHAIN OIL 150 & 220M**.

## BENEFITS & ADVANTAGES

- Avoids high speed splashing and therefore staining of fabrics
- Rapid penetration, self-cleaning action & clean operation/ high flash point & fire resistance
- Provides excellent lubrication, wear protection & reduced chain drag
- Extremely Low volatility that reduce the evaporation residues & low friction reduced amperage
- Excellent resistance to high temperature oxidation & evaporation,
- Clear product - no stains, no objectionable smells or emissions
- Superior thermal stability for prolonged lubricant life and reducing maintenance costs.
- Less lubricant consumption and also reduce energy consumption.

## PROPERTIES OF SYNTH CHAIN OIL – 32, 150, 150M, 220M, 220, 320

PROPERTIES	32	150	150M	220M	220	320
Color & Appearance	Oily Liquid & Yellow		Oily Liquid & Green		Oily Liquid & Yellow	
Density @ 20 °C, g/ml	0.95	0.95	0.95	0.95	0.95	0.95
Viscosity @ 40 °C, cSt	32	150	150	220	220	320
Viscosity @ 100 °C, cSt	6.1	15.6	15.6	23.3	23.3	29
Flash point, °C	>240	>290	>290	>290	>290	>290
Pour point, °C	-50	-20	-20	-25	-25	-20
Viscosity index	130	130	130	160	160	160
Contains "Soluble Moly"	No	No	Yes	Yes	No	No
Copper strip corrosion	1a pass					
Conradson carbon residue	Lesser than 0.01					
Evaporation, 24 hours/200°C	3%					
Service temperature range	-25°C to +300°C					

**POWERMAXX LUBE INDIA**

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