



OPTIMUM  
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

# COMET SYNTHETIC COMPRESSOR ISO 32, 46, 68, 100, 150

## DESCRIPTION

Comet Synthetic Compressor Oils are developed to meet the latest changes in air compressor designs, resulting in increased capacity and efficiency. It contains specially selected additives, which enhance lubricity, anti-wear properties and protect compressor parts against oxidation and rust.

It is designed to lubricate both cylinders and crankcases. It minimizes carbon and sludge deposits, thereby extending time between service intervals.

## MEETS PERFORMANCE LEVELS

- DIN 51506 VD-L

## FEATURES & BENEFITS

- High thermal stability increases oil change intervals and prevents sludge formation
- Reduces material wear to significantly extend component life
- Suitable for both large and small compressors
- Lower maintenance cost due to longer interval between

## APPLICATIONS

Comet Synthetic Compressor Oil is specially suited for rotary and reciprocating compressors both for stationary and mobile applications (air discharge temperature up to 220°C). It also can be used in vacuum pumps due to low volatility.



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## PHYSICAL PROPERTIES

ISO VG	Method	units	32	46	68	100	150
Kinematic Viscosity @ 40 °C	ASTM D 445	Cst	32	46	68	99.8	151
Kinematic Viscosity @ 100 °C	ASTM D 445	Cst	5.6	7.4	9.2	11.9	15.9
Viscosity Index	ASTM D 2270		114	124	112	125	109
Density @ 15 °C	ASTM D 1298	Kg/l	0.865	0.871	0.885	0.889	0.892
Base number	ASTMD 2896		10	10	10	10	10
Pour point	ASTM D 97	°C	-11	-11	-11	-11	-11
Flash point COC	ASTM D92	°C	232	232	232	240	246

## HEALTH AND SAFETY

Prolonged and repeated contact with oil may cause skin disorders .Incase of skin contact, wash immediately with soap and water. Do not discharge used oils in to drains or environment. Dispose to authorized used oil collection point.

*NB: Always store on temperatures between -5 to 40 °C*



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