



OPTIMUM  
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

## COMET FOOD GRADE COMPRESSOR ISO 32, 46, 68, 100, 150

### DESCRIPTION

Comet Food Grade Compressor Oils are formulated with white pharmaceutical grade oils meeting the US FDA21 CFR178.3620 and fortified with FDA approved additives. Comet food grade compressor oil is developed to meet the latest changes in air compressor designs, resulting in increased capacity and efficiency.

Comet food grade compressor oil 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.

Comet food grade compressor oil minimizes carbon and sludge deposits, thereby extending time between service intervals for cleaning valve, parts and intercoolers

### MEETS PERFORMANCE LEVELS

- DIN 51506 VD-L

### APPLICATIONS

Comet food grade compressor oil is suited for rotary and reciprocating compressors both for stationary and mobile applications (air discharge temperature up to 2200C). It can also be used in vacuum pumps due to low volatility.

### FEATURES & BENEFITS

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



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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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