



OPTIMUM
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

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

DESCRIPTION

Comet Compressor Oil has been developed to meet the latest changes in air compressor designs, resulting in increased capacity and efficiency. It is formulated from a high-grade base stock with a narrow distillation range. 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 for cleaning valve, parts and intercoolers.

APPLICATIONS

Comet Compressor oil is especially 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.

FEATURES & BENEFITS

- Lower maintenance cost due to longer intervals.
- Cleaning of valves, heat exchangers parts and piping.
- Reduced fire and explosion hazards thanks to lower carbon and deposits formations.
- Single oil lubricates cylinder and crankcase.
- Suitable for both large and small compressors.

MEET PERFORMANCE LEVEL

- DIN 51506 VD-L

HEALTH AND SAFETY

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



Optimum Lubricants Ltd.
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P.O. BOX 49925 - 00100

Phone: +254 725 872 425
+254 726 706 398
Email: sales@cometoil.com
Website: www.cometoil.com





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PHYSICAL PROPERTIES

ISO VG	Method	units	32	46	68	100	150
Kinematic Viscosity @ 40 °C	ASTM D 445	Cst	31	46	68	99.8	151
Kinematic Viscosity @ 100 °C	ASTM D 445	Cst	5.23	6.75	8.65	11.15	14.76
Viscosity Index	ASTM D 2270		98	98	97	96	96
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	225	227	227	228	231



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