



Alpha Trans Compressor Series

TECHNICAL SPECIFICATIONS

Product Description

Mineral oils with specific high-performance additives, antioxidant and anti-wear, designed to lubricate screw and reciprocating air (46, 68, 100, 150) compressors with high discharge temperatures. It prevents carbon build-up and the formation of varnishes and allows good air/oil separation.



Applications

Lubricants specially designed for cylinders and rotary or reciprocating compressor mechanisms, whether it is inert air or gas, with high discharge temperatures up to 220 °C which helps to better lubricate equipment, preventing valve clogging and sticking. As a result of the addition and quality of the metal bases chosen for its composition, it is a lubricant suitable for use in screw compressors that do not operate at high temperatures and for lubricating large reciprocating compressor cylinders.

Specifications

COMPRESSOR OILS	TEST METHODS	TRANS 46	TRANS 68	TRANS 100	TRANS 150
ISO	ASTM METHOD	46	68	100	150
Density @ 15°C, g/ml	D 1298	0.885	0.855	0.890	0.892
APPEARANCE	VISUAL	CLEAR	CLEAR	CLEAR	CLEAR
Flash point	D 92	> 220	> 220	> 220	> 200
Pour point °C	D 97	> -21	> -21	> -21	> -21
Viscosity @ 40°C, cst	D 445	46	68	100	150
Foam Test	D 892	50/0.50/0.50/0	50/0.50/0.50/0	50/0.50/0.50/0	50/0.50/0.50/0
Water Sparability (MINS)	D 1401	15	15	15	15
RPVOT	D 2272	..	..	..	..
Carbon conrad son residue	NFT 60116	0.11	0.11	0.04	0.11

Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at : www.alphaenergy.com.eg