



Cyclone HT Range

Mineral oil based ash free compressor oils

Product code: Refer to table

Product Description:

The Cyclone HT grades are a range of premium quality, low carbon forming, ash free compressor oils.

Lubricants for compressors vary dependent upon the type of compressor (e.g. reciprocating, rotary, screw) and also the gas being compressed (e.g. air, nitrogen and refrigerants etc.). With these features firmly in mind the Cyclone HT range of compressor oils have been designed for a large variety of manufacturers' specifications and requirements.

The Cyclone HT range of compressor oils are manufactured using carefully selected mineral oils. Inhibitors are added to control oxidation, a problem encountered in the high temperature areas of the discharge zones and anti-wear additives protect all the mechanical parts in the compressor.

Cyclone HT oils are designed for a minimum 2000 hour service life assuming excessive temperatures are not encountered.

Benefits:

- Excellent oxidation stability
- Low evaporation and carry over

Application:

Cyclone HT 32 and Cyclone HT 46 are recommended for the lubrication of screw type compressors. Cyclone HT 68 and Cyclone HT 100 are recommended for the lubrication of reciprocating (piston) type compressors. Both Cyclone HT 68 and 100 can be used in sliding vane applications where oils of these viscosities are required. Cyclone HT 150 is suitable for the lubrication of sliding vane compressors.

It is vitally important when selecting the required lubricant that the equipment manufacturer's recommendation is adhered to. Always comply with the manufacturer's drain periods.

Product Specification:

DIN	51506 VD-L
ISO	ISO 6743-3 DAG (ISO 32, 46, 68) ISO 6743-3 DAH (ISO 68) ISO 6743-3 DAA (ISO 100, 150)



TECHNICAL DATA SHEET

Typical Test Data:

Cyclone	HT 32	HT 46	HT 68	HT 100	HT 150
Product Code	C001	C002	C003	C004	C005
ISO VG	32	46	68	100	150
Appearance	Straw	Pale amber	Amber	Amber	Dark amber
Specific Gravity @ 15.6°C	0.874	0.877	0.880	0.888	0.890
Kin. Viscosity @ 40°C (cSt)	32.0	46.0	68.0	100.0	150.0
Kin. Viscosity @ 100°C (cSt)	5.4	6.8	8.8	11.4	15.1
Viscosity Index	102	102	102	100	101
Pour Point (°C)	-12	-12	-11	-11	-11
Flash Point (°C)	215	219	224	227	230

Health & Safety:

Please refer to the safety data sheet, a copy of which is freely available to all of our customers.