

Last Updated: 31.08.2016

Product Codes: CO 0046, CO 0068, CO 0100, CO 0150, CO 0220, CO 0320

CIRCULATING OILS are a range of premium quality, high performance, multi-purpose turbine and circulating oils developed for use in geared turbines, circulation systems, air compressors, hydraulic systems and many other industrial applications where fluids with a zinc-free, ashless anti-wear formulation and excellent water separation characteristics are specified.

APPLICATION

Suitable for a wide range of applications, including steam and hydroelectric turbines, piston air compressors, enclosed industrial gearboxes subject to light-to-medium loading where an R & O type oil is specified, vacuum pumps, water pumps, air and machine tools and other industrial applications where a rust and oxidation inhibited (R & O), zinc-free anti-wear product of this type is required.

BENEFITS

- Suitable for a wide range of hydraulic and other industrial applications.
- Exceptional demulsification/water separation properties minimizes formation of emulsions.
- Outstanding corrosion protection.
- Excellent anti-oxidation, anti-wear and anti-foam properties for extended fluid and equipment life.

TYPICAL PROPERTIES

	ISO Viscosity @ 40°C	ISO Viscosity @ 100°C	Density @ 15°C	Pour Point °C	Flash Point °C (COC)
Circulating Oil – ISO 46	46	6.8	0.873	-25	220
Circulating Oil – ISO 68	68	8.3	0.882	-24	224
Circulating Oil – ISO 100	100	11.0	0.887	-18	235
Circulating Oil – ISO 150	150	14.5	0.890	-15	230
Circulating Oil – ISO 220	220	19.0	0.894	-15	230
Circulating Oil – ISO 320	320	23.0	0.896	-8	224

PERFORMANCE STANDARDS

- DIN 51515 Part 1 (TD- Turbine Oils)
- DIN 51517 Part 2 (CL- Gear Oils)
- DIN 51524 Part 2 (HLP-Hydraulic Oils)
- DIN 51506 VDL (Piston Air Compressor Oils)
- British Standard 489:1999 (R & O Turbine Oils)
- Denison HF-0
- CEGB Standard 207001
- General Electric GEK 32568 A/C
- MIL-L-17672 D
- Brown Boveri HTGD 90117
- Cincinnati Milacron P54, P57
- US Steel 120 (R & O Hydraulic Fluids)

HEALTH & SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Material Safety Data Sheet is available.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.