CIRCULATING OIL 320

Last Updated: 09.01.2025
Product Code: CO0320

CIRCULATING OIL 320 is a premium quality, high performance, multi-purpose turbine and circulating oil 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.

PERFORMACE PROFILE

- 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)

TYPICAL PROPERTIES

ISO Viscosity @ 40°C	320
ISO Viscosity @ 100°C	23.0
Density @ 15°C	0.896
Pour Point °C	-8
Flash Point °C (COC)	224

HEALTH & SAFETY

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.

SAR LUBRICANTS (SQUIRE A. RADCLIFFE & SONS LTD)
Gill Bridge Oil Works, Lowlands Road, Mirfield, WF14 8LU, England
Tel: +44 (0)1924 494371 | Email: enquiries@sarlubricants.co.uk
Registered in England: 05866783 VAT Registration No: 889171963