



Swift Industrial Turbine Oil Series

A high-performance Turbine Oil

PRODUCT DATA SHEET

Product Description

A high-performance zinc-free turbine oil formulated with high-quality hydrotreated base oils & advanced additives to provide reliable protection & long service life in steam & gas turbine systems. It offers excellent oxidation stability, resistance to sludge & varnish formation, strong rust and corrosion protection, low foaming characteristics, and outstanding water-separation performance.

Features & Benefits

- Outstanding thermal & oxidation stability prevents varnish & sludge formation and helps in extending life of oil and filter.
- Excellent water separability reduces sludge build up and improves efficiency of timing valves.
- Excellent load carrying properties reduces wear in pumps, bearings and gears.
- Excellent protection from rust and corrosion of multi-metallurgy compressor components.

Specifications

Swift Industrial CB Heavy series are suitable for use in systems where extreme pressure (EP) oils are not required and which are not subjected to shock loads. Primarily designed for applications using splash, bath and ring oil lubrication system

- Suitable for use in medium to high severity hydraulic systems, requiring higher viscosities.
- Vacuum pumps and compressors handling air, inert gas and natural gas, upto maximum compressed air temperature of 150 °C.
- Suitable for lubricating plain bearings, roller bearings, parallel shaft spur, helical & herringbone gears and bevel gears operating under moderate to severe conditions

Application

Swift Industrial CB Heavy series meets or exceeds following International and Builder specifications:

- FAG/ SKF (PM oils for Dry section)
- Morgan Bearings: DIN 51517-2 (CL specs)

TYPICAL CHARACTERISTICS

Swift Industrial CB Heavy Series	Test Method	Units	22	32	46	68
Density @ 15 0C	ASTM D 4052	gm/cc	0.870	0.898	0.900	0.904
Viscosity @ 100 0C	ASTM D 445	cSt	4.50	18.75	23.95	30.45
Viscosity @ 40 0C	ASTM D 445	cSt	22.1	220.5	320.9	460.8
Viscosity Index	ASTM D 2270	-	118	95	95	95
Pour Point	ASTM D 97	°C	-24	-18	-15	-12
Flash Point (COC)	ASTM D 92	°C	224	276	278	284
FZG Gear Test, Fail stage	DIN 51354	-	12	12	12	12
Copper Strip Corrosion	ASTM D 130	-	1B	1B	1B	1B
Rust Characteristics Proc B	ASTM D 665	-	Pass	Pass	Pass	Pass
Foam Seq I,II,III	ASTM D 892	ml/ml	10/0	10/0	10/0	10/0
Demulsibility, 40/40/0 @ 820C	ASTM D 1401	min	15	15	15	20

These characteristics are typical of current product methods whilst future production will confirm to Bluenergy lubricants specifications, variations in these physical characteristics may occur.

Protect the Environment

Take used oil to an authorized collection point or to be recycled. Do not discharge used or new oil into drains, soil or water.

Additional Information

Based on available information, this product is not expected to produce adverse effect on health when used for the Applications referred to above and the recommendations provided in safety data sheet are followed. guidance on health and safety is available on the appropriate material safety data sheet(MSDS) which can be obtained from www.Bluenergylubes.com