

**Fully Synthetic**

# Kixx Circulating

Industrial and Circulation System Oil

ISO VG 100, 150



## DESCRIPTION

Kixx Circulating is a circulating oil formulated from high quality base stocks and a carefully balanced additive system. This provides excellent protection against wear for long bearing and gear life. Kixx Circulating has superior water separability properties and rust protection to deal with the severe water contamination that frequently occurs in circulating oil systems. Its outstanding oxidation stability minimizes deposit formation and leads to long lubricant life.

Kixx Circulating is a circulating oil designed for the steel industry. It is formulated to meet the needs of circulation systems serving high speed rollers and plain bearings in no-twist finishing mills as well as rod mills. It is also recommended for the lubrication of reduction gears and bearings where zinc-free oils are desired.

Kixx Circulating 100 meets the demands of Morgan Construction Company high speed No-Twist Rod Mills, as well as the requirement of Danieli Rod Mills.

## APPLICATIONS

- Industrial circulating systems
- Hydraulic systems with vane, gear or piston pumps
- Enclosed moderate duty gear systems
- Industrial hydraulic systems where high viscosity anti-wear hydraulic fluids are required

## CUSTOMER BENEFITS

### High resistance to oxidation and degradation

Long lubricant life and resistance to formation of sludge and varnish on bearings and gears.

### Outstanding wear protection

Long bearing life and protects gears from scuffing or scoring.

### Excellent water separability

Resist the formation of oil-water emulsions and have excellent water separability for circulating oil systems subject to severe water contamination

## Good resistance to foaming

Reduces the amount of entrained air in the oil, minimizing the possibility of pump cavitation and also prevents surface foam.

## KEY PROPERTIES

ISO VG	100	150
Density, kg/L @15°C	<1.0	<1.0
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	103.1	154.2
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	12.03	15.76
Viscosity Index	107	105
Pour Point, °C	-34	-29
Flash Point °C	272	272
Package (Liters)	200	200