



Honor[®] AW

High durability, hard water compatible circulating fluids

Customer benefits

Advanced technology hard water formulation

Honor AW advanced technology circulating lubricants offer next generation wear and corrosion protection to steel mills and associated processing equipment.

Featuring advanced design and high durability formulation, Honor AW fluids provide the highest level of wear, rust and corrosion protection. These advanced formulations deliver excellent performance and protection where water has calcium content higher than 500 ppm.

Honor AW lubricants are developed with high viscosity index base stocks and superior performance metal-free additive systems. These advanced and highly robust formulations deliver maximum wear and corrosion protection to a wide variety of heavily loaded components operating under high temperature conditions, including back up-roll bearings and reduction gears and bearings.

World-class heavy-duty performance

Honor AW's powerful rust and corrosion protection additives maximise equipment protection in very wet, hard water operating situations. These powerful additive systems provide highly efficient water separation properties, and through advanced, metal-free design, do not stain products produced in the mill such as metal plates.

Honor AW offers improved compatibility with rolling emulsions and provides first-class equipment protection, resisting rust damage and increased wear due to boundary lubrication problems. Honor AW offers high-level protection against dirt, contamination and elevated temperatures.

These highly robust lubricants offer exceptional thermal stability, delivering long-term resistance to thickening at elevated temperatures, and also resist separation and degradation at higher temperature spikes, optimising lubricant protection, equipment service life and operating performance.

Product features

Honor AW lubricants are highly reliable and extremely durable circulating fluids designed to provide exceptionally high performance lubrication in steel mills and allied equipment operating in hard water environments. These durable lubricants deliver world-beating wear and corrosion protection to heavily loaded components operating at high temperatures.

The Honor AW range offers long-term equipment protection to critical mill equipment, and will not corrode steel, copper, bronze, babbitt or cadmium nickel bearing metals.

Applications

- Honor AW 100, 220, 320, 460 circulating lubricants are specifically designed for the lubrication of ferrous and non-ferrous Morgan No-Twist Mills and Morgoil back up-roll bearings.
- Recommended for applications including the general lubrication of reduction gears and bearings.

Approvals, performance and recommendations

Approvals

- Danieli 0.000.002 standard
- Morgan Lubrication Specification Rev 1.0

Typical test data					
Test	Test methods	Results			
Viscosity Grade		100	220	320	460
Visc. Kinematic at 40°C	ISO 3104	100	220	320	460
Flash Point, °C	ISO 2592	228	240	242	246
TAN, mg KOH/g	ASTM D0664	0.22	0.22	0.22	0.22
Density, 15°C, Kg/l	ASTM D1298	0.884	0.890	0.894	0.899
Cu Corrosion, 3h, 100°C	ASTM D0130	1A	1A	1A	1A
Rust	ASTM D0665A	Pass	Pass	Pass	Pass

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheets.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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