



## Product Data

# Castrol Hyspin<sup>®</sup> AWS Oil

Anti-Wear Hydraulic Oil

### Description

**Castrol Hyspin<sup>®</sup> AWS Hydraulic Oil** is designed to extend pump life in high-pressure industrial hydraulics, enclosed gear sets, and bearings lubricated by circulation, bath and ring oiling. **Castrol Hyspin<sup>®</sup> AWS Hydraulic Oil** can be used in systems with gear, vane, radial piston, and axial piston pumps, where pressures and speeds require anti-wear oils and are specified by equipment manufacturers. **Castrol Hyspin<sup>®</sup> AWS Hydraulic Oil** is formulated with high viscosity index oils fortified with rust, oxidation, anti-wear, and anti-foam inhibitors. They are formulated with severely solvent refined or severely hydro treated base oils to promote health, safety and performance.

### Performance Benefits

- Highly resistant to oxidation, which prevents sludging and varnishing and provides long service life.
- Provides excellent corrosion resistance for internal surfaces from entrained air and moisture-induced corrosion.
- Inhibited to prevent foam under the most rigorous operating loads.
- Anti-wear inhibitors prevent excessive wear on load-bearing surfaces.
- Filtered to five microns to reduce contamination, reduce equipment wear and promote long trouble-free system performance.
- Certified to meet Cincinnati Milacron performance specifications.

### Metal Safety

**Castrol Hyspin<sup>®</sup> AWS Hydraulic Oil** is compatible with all oil-resistant seals and all metals. These oils can be added to competitive products. However, to optimize performance, drain reservoirs completely and refill with the viscosity called for by the equipment manufacturer. Consult your Castrol Sales Engineer for questions regarding compatibility.

### Recommended Applications & Dilutions

**Castrol Hyspin<sup>®</sup> AWS Hydraulic Oil** is designed to be used on all lubrication applications where anti-wear oils are specified by equipment manufacturers or called for by system requirements. Select the best viscosity based on equipment manufacturer's recommendations.



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### Typical Characteristics

	<b>15</b>	<b>22</b>	<b>32</b>	<b>46</b>
Appearance of Concentrate	Light yellow fluid	Pale yellow fluid	Clear, amber oil	Clear, amber oil
Specific Gravity @ 16°C	0.895	0.860	0.872	0.878
Viscosity, SUS @ 38°C	68	110	149 – 182	214 - 262
Flash Point (COC, °C)	>191	>191	>191	>191
	<b>68</b>	<b>100</b>	<b>150</b>	
Appearance of Concentrate	Clear, brown	Yellow, fluid, amber oil	Clear, amber oil	
Specific Gravity @ 16°C	0.883	0.885	0.87 – 0.89	
Viscosity, SUS @ 38°C	317 - 389	500	709 - 866	
Flash Point (COC, °C)	>218	>185	>204	

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the formulation occurring subsequent to the date of printing. Material Safety Data Sheets are also available for all Castrol Industrial North America products. The MSDS must be consulted for appropriate information regarding storage, safe handling, and disposal of a product.

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