



## Product Data

# Castrol Hyspin<sup>®</sup> AWS

Premium Hydraulic Oils

### Description

**Castrol Hyspin<sup>®</sup> AWS** hydraulic oils are a series of premium quality, mineral oil-based lubricants with excellent stability and anti-wear performance. They are suitable for use in the majority of hydraulic systems and where excellent performance characteristics are required.

### Performance Benefits

The advanced performance of **Castrol Hyspin<sup>®</sup> AWS** hydraulic oils helps to insure trouble-free operation of your hydraulic system and can greatly reduce downtime and maintenance costs. **Castrol Hyspin<sup>®</sup> AWS** fluids provide:

- Superb thermal and oxidative stability, extending oil life, reducing lubricant costs and minimising waste oil.
- Excellent anti-wear performance extending pump life and reducing downtime.
- Outstanding wet and dry filterability maintaining good flow and extending filter life.
- Superior corrosion protection minimising deposit formation and maintaining a cleaner system.

### Approvals

**Castrol Hyspin<sup>®</sup> AWS** hydraulic oils are approved by many of the leading equipment manufacturers. These include:

- Bauer, Roehren & PumpenwekSaver Sunstrand
- Demag Komatsu GmbHStorz Hydraulics
- Georg Edgar Thyssen Ruhrpumpen
- Linde HydraulicsVickers
- Mannesmann RexrothVoith Turbo GmbH Co

**Castrol Hyspin<sup>®</sup> AWS** oils fully meet the requirements of DIN 51524, part 2, class HLP and the Denison specifications HFO and HFO\*.

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## Typical Characteristics

Castrol Hyspin® AWS	10	15	22	32	46	68	100	150
Density @ 15°C	0.887	0.881	0.877	0.874	0.879	0.885	0.890	0.894
Kinematic Viscosity, cSt @ 40°C	10.0	15.0	22.0	32.0	46.0	68.0	100.0	150.0
@ 100°C	2.56	3.26	4.25	5.29	6.65	8.60	11.1	14.5
Viscosity Index	76	73	95	95	95	95	95	95
Closed Flash Point, °C	147	158	166	206	216	215	226	230
Pour Point, °C	-39	-39	-30	-30	-21	-21	-21	-21
foam Stability , ml (max) Sequence 1	100/0	100/0	100/0	100/0	100/0	100/0	100/0	100/0
Water Separability, mins (max)	30	30	30	30	30	30	30	30
FZG Load Stage	-	-	-	11	12	12	12	12

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 blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial North America Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.