



Product Data

Castrol Hyspin® AWH-M

High VI Hydraulic Oils

Description

Castrol Hyspin® AWH-M hydraulic oils are a series of premium quality, mineral oil-based lubricants with excellent anti-wear performance. They are suitable for use in a diverse range of hydraulic systems that are subject to wide variations in temperature.

Performance Benefits

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

- A shear stable, high viscosity index that greatly reduces viscosity changes at varying temperatures, optimising pumping operation in all conditions.
- 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.
- Exceptional stability in the presence of water giving operational confidence in the most arduous conditions.
- Superior corrosion protection minimising deposit formation and maintaining a cleaner system.

Approvals

Castrol Hyspin® AWH-M hydraulic oils are approved by many of the leading equipment manufacturers. These include :

- Demag Komatsu GmbH Lohmann & Stolterfoht GmbH
- Denison HydraulicsMannesmann Demag Plastics Machinery
- Erhardt & Leimer Neumeister Hydraulik
- Fife Corporation RSN Maschinenbau
- Georg Edgar Saver Sunstrand
- Hagglunds Drives AB Toshiba Machine Co
- Integral Hydraulik

Castrol Hyspin® AWH-M oils fully meet the requirements of DIN 51524, part 3, class HVLP.

Castrol Industrial

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Typical Characteristics

Castrol Hyspin® AWH-M	15	32	46	68	100	150
Density @ 15°C	0.882	0.874	0.876	0.881	0.888	0.894
Kinematic Viscosity, cSt @ 40°C @ 100°C	15.0 3.8	32.0 6.3	46.0 8.1	68.0 10.9	100.0 13.3	150.0 17.7
Viscosity Index	150	150	150	150	130	130
Closed Flash Point, °C	172	180	212	218	222	212
Pour Point, °C	-45	-42	-39	-39	-30	-30
foam Stability , ml (max) Sequence 1	100/0	100/0	100/0	100/0	100/0	100/0
Water Separability, mins (max)	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.

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