

Technical Data Sheet

CASTROL HYSPIN AWS RANGE

DESCRIPTION:

Castrol Hypsin AWS is a range of high-quality mineral oils. Their natural properties are enhanced by the incorporation of anti-wear, anti-oxidation, anti-foam and anti-corrosion additives. The Castrol Hypsin AWS range is graded according to the (ISO) viscosity classifications:

APPLICATION:

Castrol Hypsin AWS range is recommended for the lubrication of:

- Hydraulic systems
- Machine tools
- Centrifugal pumps
- Injection moulding machines
- Gear units
- Centralized bearing lubricating systems, as well as many more applications requiring oil with good anti-oxidant properties.

COMPATIBILITY OF CASTROL HYSPIN AWS WITH HYDRAULIC COMPONENTS:

Seals:

Suitable for use with nitrile, Buna-N, Viton, EP and Silicone rubbers.

Paint:

Suitable for use with good quality epoxy resin-based paints.

Metals:

No effect, apart from silver-plated components used in some hydraulic pumps. In such cases, use only Castrol Hypsin VG grades.

BENEFITS:

- Extended service life.
- Reduced downtime.
- Higher productivity.
- Stock rationalization.
- Full range of viscosity grades.
- Due to thermal and oxidation stability, oil life is extended under the most arduous operating conditions.
- Ensures that the ideal viscosity grade can be selected to optimize machine performance and that pump and machine manufacturers' recommendation are met.
- Ensures maximum protection from wear, corrosion, foaming and oxidation.
- Reduced stock holding of different types of oil.
- High viscosity Index
- Maximum anti-wear, anti-corrosion and anti-foaming
- Thermal and oxidation stability

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APPROVALS:

The Castrol Hyspin AWS range meets and / or exceeds the performance levels of the following:

- DIN 51524 - 12 Stages FZG Gear Test
- Vickers Vane Pump Test

PACKAGING:

Castrol Hyspin AWS range is available in 20 litre pails, 210 litre drums and bulk. The packs of 6x5 litre are only available in Castrol Hyspin AWS 32 & 68.

TYPICAL CHARACTERISTICS:

Castrol Hyspin AWS	10	15	22	32	46	68	100	150
Product Code No.	40471	40484	40497	40509	40511	40524	40537	40540
Density at 20°C	0,875	0,879	0,875	0,871	0,873	0,876	0,882	0,884
Viscosity Index				94	95	97	95	95
Viscosity at 40°C mm ² /s	10	15	22	32	46	68	100	150
Viscosity at 100°C mm ² /s	2,55	3,20	2,55	5,26	6,65	8,60	11,1	14,50
Flash Point °C (COC)	160	160	160	190	220	200	220	220
Pour Point °C	-30	-30	-24	-27	-24	-21	-18	-18

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