



# PRODUCT DATA SHEET

## Havens Hydraulique AW series

### DESCRIPTION

**Havens Hydraulique AW series** – high performance demulsifying AW/EP hydraulic and general lubricating oil.

### APPLICATIONS

Every industrial lubricant recommendation should be done after an expert consultation on the application in question. Only then the best lubricant can be selected. Havens hydraulic oils series “Hydraulique” are fitted to all your industrial applications

Havens Hydraulique AW series are general lubricating and hydraulic oils with good ageing resistance and additives to improve corrosion protection. Good viscosity temperature behavior, good wear protection, demulsifying, good air release, contain zinc.

For all systems, even if thermally-stressed.

### PERFORMANCE LEVELS

Meets and exceeds:

- DIN 51524 PART 2, CATEGORY HM
- ISO 6743/4, CATEGORY HM
- MAN 698, Denison HF0, HF1, HF2

### TYPICAL PROPERTIES

| PARAMETERS                           | TEST METHOD | UNIT      | Havens Hydraulique AW series |     |     |     |      |      |
|--------------------------------------|-------------|-----------|------------------------------|-----|-----|-----|------|------|
| Product Name                         | -           | -         | 22                           | 32  | 46  | 68  | 100  | 150  |
| Density at 15 °C, kg/m3              | -           | kg/m3     | 863                          | 876 | 875 | 881 | 881  | 887  |
| Flash point Cleveland, °C            | -           | °C        | 180                          | 205 | 210 | 224 | 232  | 224  |
| Kinematic viscosity at 40 °C, mm2/s  | -           | °C, mm2/s | 22                           | 32  | 46  | 68  | 100  | 150  |
| Kinematic viscosity at 100 °C, mm2/s | -           | °C, mm2/s | 4,4                          | 5,5 | 6,9 | 8,8 | 11,1 | 14,5 |
| Viscosity Index                      | ASTM D2270  | -         | 107                          | 109 | 105 | 100 | 96   | 94   |
| Pour point, °C                       | ASTM D92    | °C        | -27                          | -24 | -24 | -24 | -18  | -15  |

*The values shown above are typical values at the date of publication. Havens Lubricants reserves the right to change these typical values without prior notice.*

#### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.havenslubricants.com](http://www.havenslubricants.com).