

HYDRAWAY HMA 15

Zinc free mineral hydraulic oil

Product description

HYDRAWAY HMA 15 is a mineral oil based zinc-free hydraulic oil with high performance and long life. The product is recommended for all indoor hydraulic systems and certain outdoor hydraulic systems.

Application areas

HYDRAWAY HMA 15 is recommended for industrial hydraulic systems which require excellent anti-wear protection as well as hydrolytic and oxidative stability. The oil can also be used to advantage in oil-mist and circulation systems, as well as for the lubrication of bearings in machine tools.

Characteristics and advantages

Modern, compact hydraulic systems place high demands on the hydraulic oils in order to achieve problem-free operation for many years. HYDRAWAY HMA 15 is based on light, hard solvent refined paraffin-based oils with functional improvement additives. HYDRAWAY HMA 15 provides trouble-free operation through its good wear protection and good air and water separation. The oil is zinc-free, which reduces environmental impact and the risk of allergic reactions.

Tests and approvals

Specifications: DIN 51524/2 HLP, DIN 51524/2 HL, ISO 6743/4 L-HM, IP 281/80

Fulfills: Denison HF-0, HF-1, HF-2; SS 155434

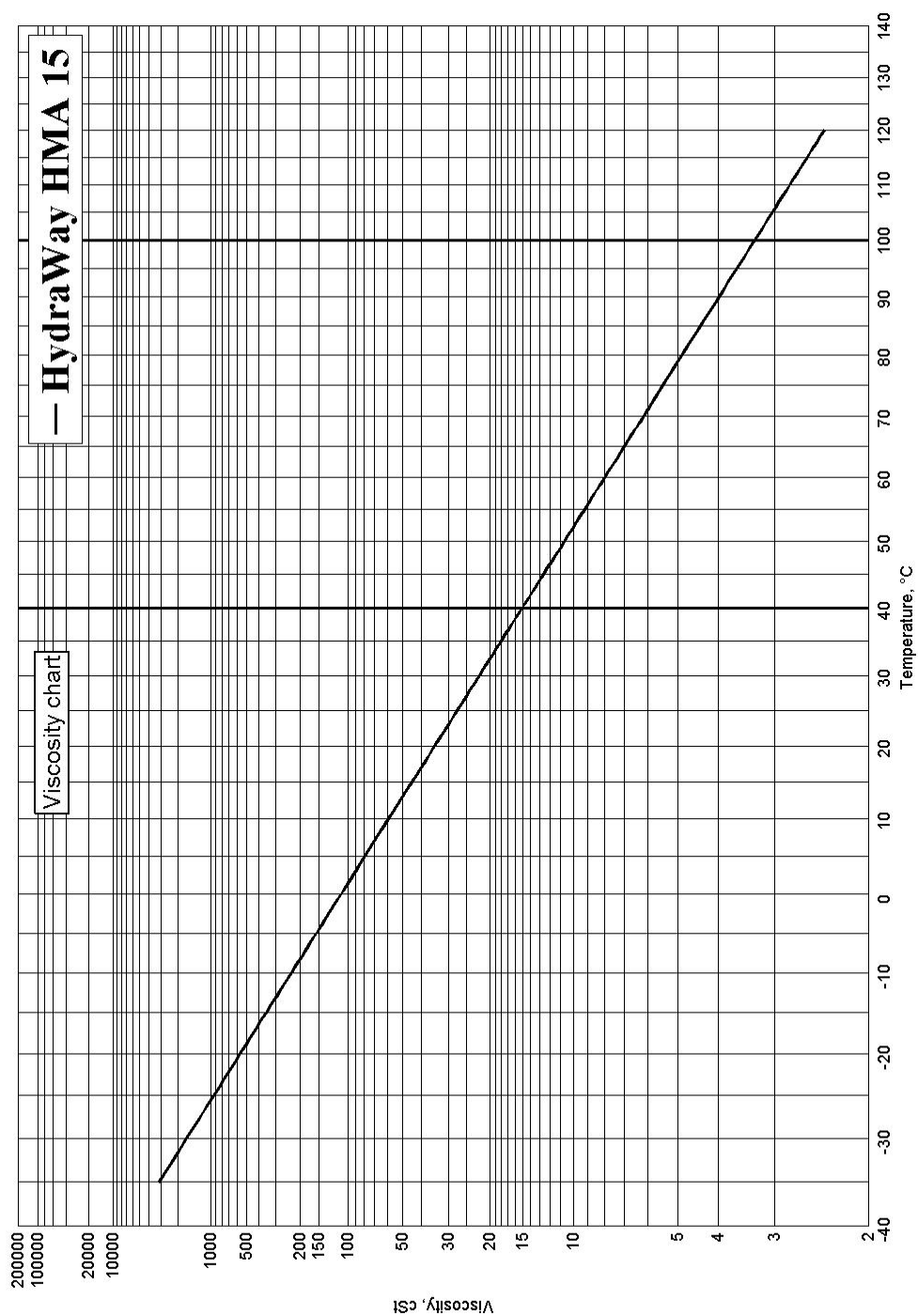
Handling and storage

Handling and storage In the event of contact with skin, wash with soap and water. Dispose of used oil at a recycling station or equivalent. Safety data sheets are available for professional users and are supplied on request.

Typical Data

Characteristics	Typical value	Unit	Method
Density at 15°C	873	kg/m ³	ISO 12185
Flash point COC	177	°C	ISO 2592
Pour point	-42	°C	ISO 3016
Viscosity at 40°C	15	mm ² /s	ISO 3104

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