

# COMPWAY SX 46

Compressor oil, fully synthetic

## Product description

COMPWAY SX 46 is included in a series of very high-performance, fully synthetic compressor oils based on polyalphaolefine. COMPWAY SX 46 is optimised to operate within a very wide temperature range and in demanding operating conditions.

## Application areas

COMPWAY SX 46 is recommended for oil lubricated screw- and piston compressors where the compressor manufacturer prescribes this viscosity and type of oil. The product can also be used as hydraulic fluid. The lifetime of the product is dependent on the operating conditions and the maintenance procedures. Recommended for up to 8000 hours of operation, if the oil is still suitable for use. Repeated oil analyses are recommended if necessary to determine the condition of the oil. COMPWAY SX 46 is not miscible with silicon or polyglycol (PAG)-based compressor oils.

## Characteristics and advantages

COMPWAY SX 46 has a wide temperature range, which means that the oil can handle both lower and higher operating temperatures than mineral oil based products. This, together with low evaporation, low tendency to form coke, rapid air release and good compatability to seals, makes it possible to extend oil change intervals. The product has got very good oxidation stability, good anti-wear properties, excellent corrosion protection and good water separation properties. This leads to operation free from disruption and lower maintenance costs.

## Tests and approvals

Meets the demands according to DIN 51506 VDL, Meets the demands according to DIN 51524 HLVP (hydraulic oils), Classified as ISO-L-DAB, ISO-L-DAG, ISO-L-DAH and ISO-L-DAJ according to ISO 6743-3A and ISO DP 6521, FZG A/8 - 3/90, scuffing load capacity > 12  
Fulfills: Atlas Copco (GR-XR-compressors)

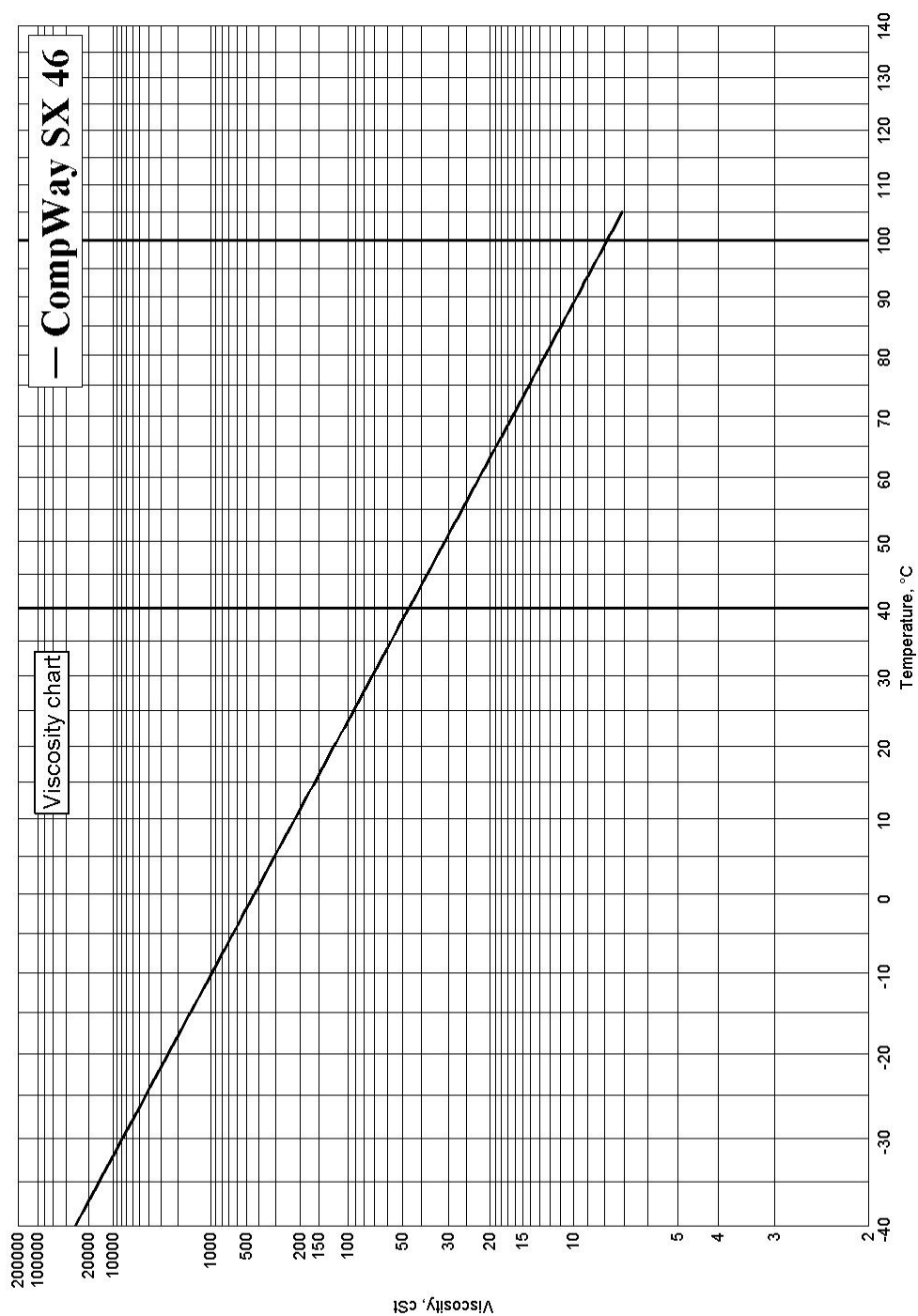
## Handling and storage

Avoid skin contact. Clean with soap and water in the event of contact with the skin. Dispose of used oil at a recycling station or equivalent. Safety data sheets are available on [www.statoil lubricants.com](http://www.statoil lubricants.com) or supplied on request.

## Typical Data

Characteristics	Typical value	Unit	Method
Density at 15°C	837	kg/m <sup>3</sup>	ISO 12185
Flash point COC	240	°C	ISO 2592
Pour point	-60	°C	ISO 3016
Viscosity at 40°C	46	mm <sup>2</sup> /s	ISO 3104
Viscosity at 100°C	7.8	mm <sup>2</sup> /s	ISO 3104
Viscosity index	139	-	ISO 2909

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