

## CORALIA PAG 46

Viscosity grad: ISO VG 46

### GENERAL FEATURES:

CORALIA PAG 46 is a fully synthetic compressor oil, produced on the basis polyalkylene glycols (PAG), designed for lubrication of hydrocarbon gas compressors.

Advantages of the oil:

- low miscibility with hydrocarbon gases reduces the risk of oil film degradation;
- exceptional lubricating properties compared to other alternative synthetic technologies and mineral oil,
- high viscosity index prolongs compressor service life, by providing effective and efficient work in a wide range of operating temperatures,
- very high thermal stability and exceptional lubricating properties contribute to the improvement of the system cost effectiveness, including reducing the equipment downtime and lower maintenance costs,
- package of enriching additives provides effective protection against corrosion of structural elements, including non-ferrous metals, which reduces compressor wear processes and allows for extended oil service life.

### APPLICATION:

CORALIA PAG 46 oil is designed for use in screw compressor compressing hydrocarbon gases, natural gas, LPG and others.

Low CORALIA PAG 46 oil capacity to dissolve the above-mentioned gas reduces the risk of drop in oil viscosity as a result of diluting oil by compressed gas, thus maintaining the functional qualities and properties of the oil at a high level.

### STANDARDS, APPROVALS. SPECIFICATION:

Wytwórnia Urządzeń Chłodniczych „PZL-Dębica S.A.” – screw compressors compressing LPG and CNG.



## Physical and chemical properties:

PARAMETERS	UNIT	TYPICAL VALUES
Kinematic viscosity in 40°C	mm <sup>2</sup> /s	42,0
Kinematic viscosity in 100°C	mm <sup>2</sup> /s	8,3
Density in 20°C	g/cm <sup>3</sup>	0,983
Viscosity index	-	178
Ignition temperature	°C	242
Pour point	°C	-50
Acid number	mg KOH/g	0,10

**NOTE:**  
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

