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SOLINER

FACTORY ORIGINAL PARTS

# PRODUCT MANUAL

Hydraulic Filtration Technology
Wind-Power Lubricating and Cooling Technologies
Hydraulic Control and Drive Technology
Sensor Technology

Nanjing Soliner Hydraulic Technology Co.,Ltd.

# ABOUT SOLINER

Nanjing Soliner Hydraulic Technology Co., Ltd©. established in 2003, is a leading manufacturer of the fluid industry in China. Specializing in design, manufacture, and comprehensive solutions of high-quality hydraulic components (filters, valves&manifolds, cycloid motors, gear pumps, accessories), gearbox lubrication system, and precision sensors, Soliner© has been trusted by industrial clients worldwide including Caterpillar, Hyundai, Komatsu, Hitachi, Goldwind, SANY, XCMG, Zoomlion, etc., with the products widely applied in construction machinery, metallurgy, aerospace, wind power, machine tools, petroleum, chemical, shipbuilding, and other industries.

## Professional Technical Testing Center

With great commitment to excellence and perfection, Soliner© has been always keep a high standard of quality control. All products are to be fully tested before market by professional team and the most advanced testing equipment. The comprehensive technology testing center is surely to meet any testing demands desired by the clients.

## Advanced Production Line

Soliner© owns domestic factories of multiple workshops covering more than 35,000m² of land in total, all powered by the most advanced industrial equipment such as ABB Robotics, Mazak Flexible Production Lines, Robuschi Equipment, etc., and an overseas factory located in Germany especially dedicated to sensors as a great step in the global strategy.

## Customer Service

Soliner© believes that the priority must go to the fulfillment of interest and demands of customers, and therefore provides all kinds of products and service as long as they are needed by the customer, including customized design and modification, quick-response service team, and professional fluid solutions.

SANY · XCMG 徐工集团 · LiuGong 柳工 · SHANTUI · LONKING 龙工 · XINYUAN · IHI · LOVOL · SUNWARD 山河智能 · 福龙马 FULONGMA · NGC · 山东临工 · ENVISION · HYUNDAI HEAVY INDUSTRIES CO., LTD. · MINGYANG ELECTRIC 明阳电气 · 中国中车 CRRC · CAT · ZOOMLION 中联重科 · 运达风电 WINDEY · 上海电气 SHANGHAI ELECTRIC · 同力重工 TONLY · TZ · DEC 东方电气 · GOLDWIND 金风科技 · GE · 常发农装

# Product Overview

## Hydraulic Valve Manifold

BPLD-A-06/4/GK-2 BPLD-C-06/5/XG-S BPLD-C-06/5/SY-S BPLD-A-06/4/XG-M-D BPLD-A-06/8/JH-1

## Hydraulic Valve

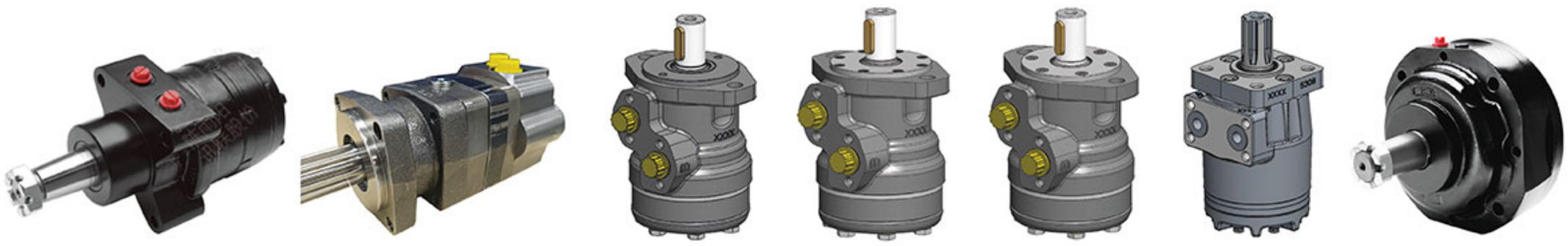
SPR58-38-0-N-35 XLSV08-C20MR.00 SV08-3-21-N-M XLSVM081-40.00 XLSV06020-20.00 RPRV12-20-N-000 RPRV12-20-N-000

## SGP Series Oil Transfer Gear Pump

SGP2.5RF02A158D15 SGP063RF02A197 SGP080RF02A232 SGP112RF02A197 SGP125RF02A197 SGP150RF02A197 SGP180RF02A197

## STP Series Bidirectional Oil Transfer Cycloidal Pump

STP150AAB STP220ZAB



## Hydraulic Motor & Hydraulic Brake

VRC Series Hydraulic Motor XS Series Hydraulic Motor XR Series Hydraulic Motor XRB Series Hydraulic Motor XRN Series Hydraulic Motor

XET Series Hydraulic Motor BAK Series Hydraulic Brake

# Product Overview

## Oil suction filter

EF Series Suction Filter
WU Series Suction Filter
XNJ Series Tank Mounted Suction Filter
WF Series Suction Filter

## Return filter

SL30R1300x10 Return Filter
RF Series Return Filter
RFA Series Return Filter
ZU-A Series Suction Filter

## Pressure filter

SOMD Series Pilot Line Filter
MH Series Pressure Line Filter
QH Series Pressure Line Filter
PLFA Series Pressure Line Filter
SLF Series Pressure Line Filter
ZU-H Series Pressure Line Filter

## Breather filter

PAG Series Breather Filter
EF-25~120 Series Breather Filter
PAF Pre-Pressed Breather Filter
QUQ Series Breather Filter

## Hydraulic Accessories

LYB Level Gauge
FTC Series Fuel Tank Lock Cover
GYW Series Tube Level Meter
PHG Tank Cap Lock
Tube Clamps

## Sensor Microsystems

Pressure Transmitter
Liquid level sensor
Temperature sensors

# Lubrication System Configuration

Special Motor

Stable Transmission System
Procurement from international
well-know company with rellabie and
exellent perfomance

Imported filter material with high dirt holding capacity twice over average filter material, which providing higher filtration efficiency, lower pressure drop, and longer lifetime.

Press sense imported from Germany

Germany-Imported Gear Pump

Mechanical improvement on wind scooper and additional dirersion lead to higher heat dissipation efficiency

# Product Overview

### Offline Fine Filter System

Offline Fine Filter System with Contamination and Moisture Content Monitoring

### Wind Power Gearbox Lubrication System, Air Humidity Filter, Hydraulic Station Filter Element

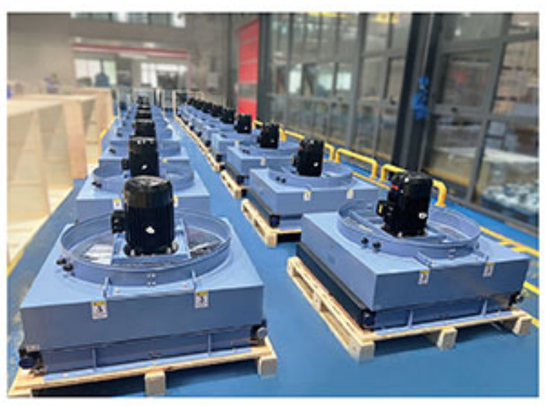
### Well-known Special Motor

### Contamination Monitoring Model Number: SQJ-01

The cleanliness monitoring system has a rated working pressure of 50bar.The oil fluid contamination detection range is 1～100μm, with output standards including ISO 4406, GB/T 14039, NAS 1638, etc.

### Contamination and Moisture Content Monitoring

In the realm of fluid technology, Soliner has been constantly launching series of cutting-edge products, which are renowned for its quality and innovation. Throughout the years development, Soliner has successfully extend reach and tap into new markets worldwide, driving a significant revenue growth annually. Soliner has amassed an array of remarkable achievements that have left an indelible mark in the industry.



# Application Scenarios Of The Product

Construction Equipment

Wind Power

Metallurgy

Agricultural Machinery

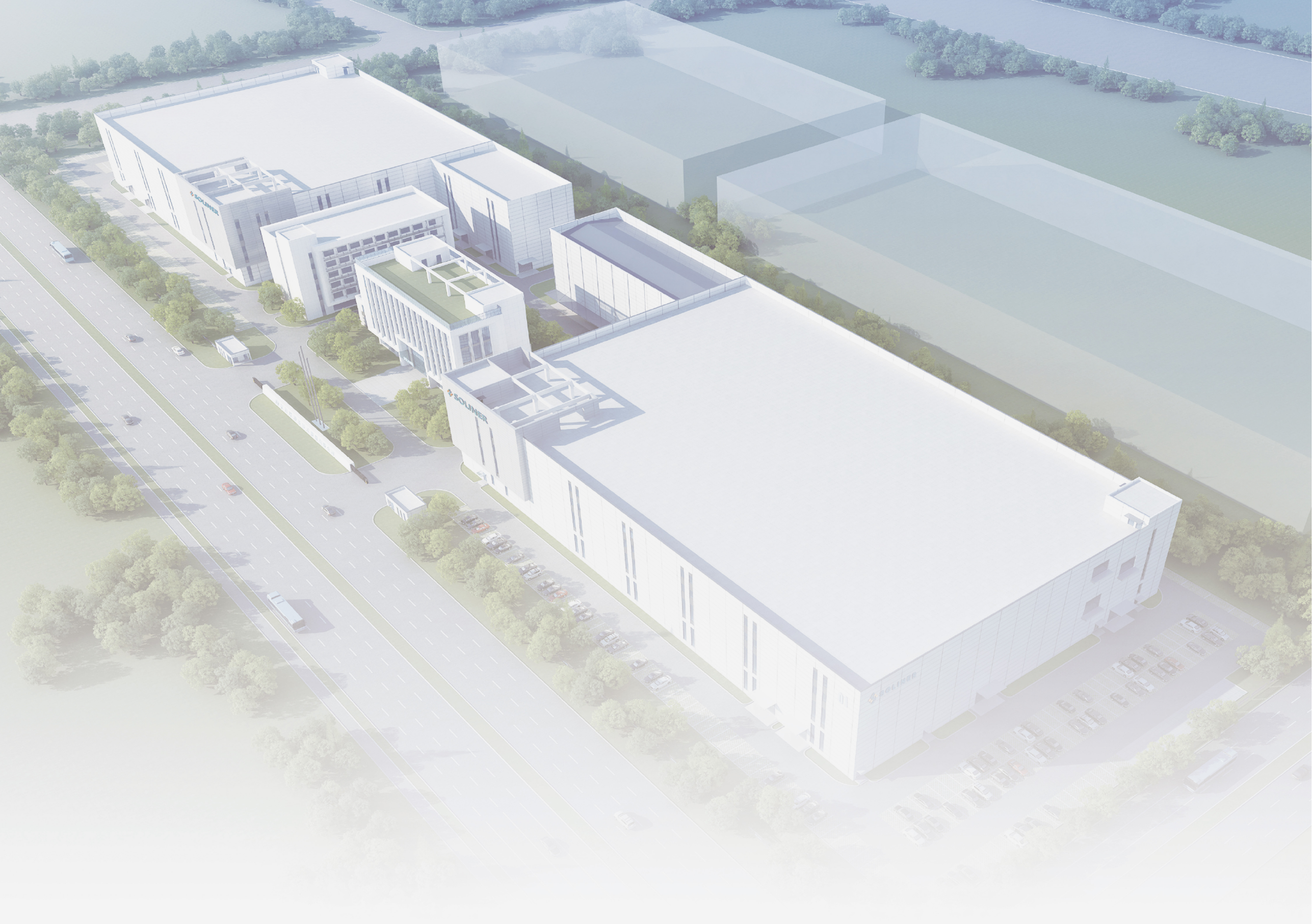
Petrochemical

Manufacturing

Aerospace

Marine and Ocean Engineering

# Enterprise Culture



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