

## MANN+HUMMEL Contact

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# MANN+HUMMEL Group

MANN+HUMMEL is the leading global expert for filtration solutions. The company group with its headquarters in Ludwigsburg, Germany, develops solutions for motor cars, industrial applications, clean air in interior spaces and the sustainable use of water. In 2018 the group achieved sales of approx. 4 billion euros worldwide with more than 20,000 employees at more than 80 locations. The products manufactured by the group include air cleaner systems, intake manifold systems, liquid filter systems, plastic components, filter media, cabin filters, industrial filters and membrane filters.

Further information about MANN+HUMMEL is available on our website.

# Hydraulic oil filtration solutions for mobile applications











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# System and filtration competence for hydraulic system protection

MANN+HUMMEL is a technology leader in the field of highly functional integrated oil filter systems for internal combustion engines for decades.

This know-how, transferred to the MANN+HUMMEL hydraulic filtration portfolio, is the perfect way for an optimum protection of all hydraulic components and systems.

## Hydraulic oil circuit



Reservoir

## Your advantages

- ✓ Increased lifetime
- ✓ Significant reduction of machine downtime
- ✓ Lowest contamination levels inside the hydraulic circuit

# MULTIGRADE filter media portfolio for innovative hydraulic applications

## Different filter media solutions



# MULTIGRADE eM-CO

Fully synthetic media withstands low viscosity oils and dielectric fluids.

## **MULTIGRADE O-S**

Fully synthetic media with drainage grid for high compatibility and low differential pressure.

## MULTIGRADE O-G

#### **Filtration efficiency**

Glass fiber filter media with highest filtration efficiencies for best oil cleanliness

### Installation space

Perfectly matching multi-layer set-up for high dust holding capacity.

### Media stability

Grid support offers highest pleat stability on the pressure-side.









Single filter head system

Double filter head system

Intank return filter system





WD spin-on filter

WH spin-on filter

## Return filters

High dust holding capacity for optimum lifetime:

- Single filter head system
- Double filter head system
- WD spin-on filter for up to 24 bar
- WH spin-on filter for up to 40 bar
- Intank return filter system with oil parameter and load sensor as well as easy and clean service from top

## Pressure filters

Protection for sensitive components such as proportional valves and high-pressure pumps:

- WD spin-on filter
- WH spin-on filter

