



Champion R&O Hydraulic Oils

Champion R&O Hydraulic Fluids are formulated from the highest quality solvent-refined paraffin mineral oils and foam inhibitors. These oils are low-sulfur and zinc-free, and provide adequate lubrication in light-duty and total-loss applications. These oils provide exceptional air release and water separation compared to lesser refined or more naphthenic formulations.

Champion R&O Hydraulic Fluids are a perfect, cost-effective solution in the following applications, or anywhere Type HH oils are recommended:

- Low-pressure hydraulics
- Manual hydraulics
- Light-duty bearings and journals
- Water-displacement
- Light-duty vacuum pumps
- Light-duty spindle lubrication
- Forming
- Heat transfer

Champion R&O Hydraulic Fluids meet or exceed the following:

- ASTM 6158, Type HH
- ISO 11158, Type HH
- ISO 6743/4, Type HH

Typical Properties					
ISO Grade	22	32	46	68	100
Product No	4017	4018	4019	4192	4211
Kinematic Viscosity @ 40°C, cSt	22	32	46	68	100
Kinematic Viscosity @ 100°C, cSt	4.1	5.5	6.5	8.6	11.1
Viscosity Index	99	99	100	99	95
Flash Point, °F (min)	400	400	400	400	400