

# UNITED PREMIUM HY VIS SAE 5W-20 HYDRAULIC OIL



United Premium Hy Vis SAE 5W-20 Hydraulic Oil delivers excellent low-temperature startup capability coupled with adequate high-temperature viscosity. Equipment operating over a broad temperature range can benefit from year-round use of United Premium Hy Vis SAE 5W-20 Hydraulic. It is formulated with a balanced additive package and shear-stable viscosity index improver to maintain sufficient body film strength to lubricate at the warmer operating temperatures found in many operations.

## Features:

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- SAE 5W-20 viscosity grading ensures operation over a wide temperature range.
- Opportunity to reduce hydraulic oil inventory
- Good demulsibility for water separation
- Maximum efficiency of hydraulic systems
- Inhibited against wear, rust, corrosion, sludge, and foaming tendencies
- High viscosity index to minimize oil viscosity change with temperature
- Oxidation stability superior to most competitive products
- Excellent water separation
- Enhanced thermal stability

## Hydraulic System Applications:

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- Systems with vane or axial piston pumps
- Automated machine tools
- Recommended for micro-filtration systems
- High-pressure systems
- General hydraulic oil in industrial plants
- High-output systems
- Mobile equipment requiring premium anti-wear hydraulic oil

# TYPICAL SPECIFICATION DATA

<b>UNITED PREMIUM HY VIS SAE 5W-20 HYDRAULIC</b>	
<b>SAE GRADE</b>	<b>5W-20</b>
Viscosity @ 100°C (cSt)	8.6
Viscosity @ 40°C (cSt)	46.6
Viscosity Index	165
Density (lb/gal)	7.15
Pour Point (°C)	-41
Pour Point (°F)	-33
Flash Point (°C)	222
Flash Point (°F)	460
ASTM Rust Test	Pass
Turbine Oil Stability Test, hrs.	5000+
Neutralization Number	1.3
Copper Corrosion	1A
Emulsion Test, 1 hour @ 130°F	40-37-3
Sulfated Ash, wt%	0.1

## Meets or Exceeds:

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- AFNOR E 48-603
- BF Goodrich 0152
- Cincinnati Machine P-68
- Commercial Hydraulics
- Denison HF-0, HF-1, HF-2
- Din 51524 Part 2
- Ford M-6C32
- General Motors LH-04-1, LH-06-1, LH-15-1
- Jeffrey No. 87
- Lee-Norse 100-1
- Racine Variable volume vane pumps
- US Steel 136 & 127
- Vickers M-2950-S (Mobile), I-286-S (Industrial)

## Product Availability:

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- 5 Gal
- 55 Gal
- 265 Gal
- Bulk
- Item # 191303
- Item # 192426
- Item # 210724
- Item # 191304