



# DAVID WEBER OIL COMPANY

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[www.weberoil.com](http://www.weberoil.com)

## CRYSTOL FG HYDRAULIC OILS

**Crystol FG Hydraulic Oils** are formulated using a state of the art additive system to deliver the anti-wear, anti-rust and anti-oxidation requirements of modern high-pressure pump equipment without violating the FDA codes for incidental contact with food. All grades are composed of materials approved by the Food & Drug Administration for incidental or accidental contact with food under Statute 178.3570. They are formulated with the highest purity double hydro-cracked base stocks providing stability far beyond that of solvent neutral oils used in common anti-wear hydraulic oils. The high viscosity index of these products makes them suitable for use over a very wide temperature range.

### SUMMARY OF BENEFITS

- Water white color
- USDA H-1 Authorized
- Meets FDA specifications for incidental food contact
- Excellent oxidation stability
- Excellent thermal stability
- Longer oil change intervals
- Exceptionally high viscosity index
- Excellent separation from water
- Outstanding anti-wear protection

## TYPICAL INSPECTIONS

ISO GRADE	ASTM Method	32	46	68
Color, Saybolt	D156	+25	+25	+25
Color, ASTM	D1500	>0.5	>0.5	>0.5
Flash Point, °F	D92	421	439	494
Viscosity, cSt @ 40°C	D445	34.2	46.6	69.2
cSt @ 100°C		5.5	7.0	9.1
Viscosity Index	D2270	97	106	106
Pour Point, °F	D97	0	0	15
Emulsion Characteristics distilled water @ 130°F mL of water separated (mins.)	D1401	40(5)	40(5)	40(5)
Rotary Bomb Oxidation Test, min	D2272	600	600	600
4-Ball Wear Scar Diameter, mm				
20 Kg Load		.25	.25	.25
40 Kg Load		.30	.30	.30
Copper Corrosion Prevention	D130	1a	1a	1a
Rust Protection (Procedure B)	D665	No Rust		