

## CHEMLUBE® HEAVY DUTY EP DIESTER GEAR LUBRICANTS

### Applications:

Chemlube Heavy Duty EP Gear Oils are fully synthetic, heavy duty gear oils composed of superior ester base fluids for a wide variety of extreme pressure industrial applications and automotive differential applications. These gear lubricants are proven in extreme environmental conditions and in applications that demand high heat resistance, anti-wear and superior lubricity of enclosed gearboxes. The highly polar nature of these ester based gear oils allows them to wet metal surfaces and provide lubrication on start-up after prolonged periods of inactivity.

### Typical Industrial Applications:

- Enclosed Gear Units: i.e. Spur, Helical, Bevel & Worm Gears
- Automotive Differential Applications
- EP Industrial Applications

### Performance Benefits:

- Highest film strength available
- Reduces operating temperature through reduced friction
- Rapid lubrication in cold weather
- Caution: May affect some paint finishes, plastics and seals

Chemlube Heavy Duty EP Gear oils meet the following requirements: U.S. Steel 224; AGMA 250.04; SAEJ2360; API GL4; API GL5. Chemlube 80W carries the NSN #9150-01-152-1094.

TYPICAL PROPERTIES	TEST METHOD	Chemlube 80W	Chemlube 85W-90	Chemlube 140	Chemlube 150	Chemlube 250
ISO Grade	ASTM D2422	68	150	220	320	460
Viscosity @ 40°C,cSt	ASTM D445	71.2	150.6	301	326	376
Viscosity @ 100°C,cSt	ASTM D445	11.0	18.4	34.5	36.5	41.4
Viscosity Index	ASTM D2270	146	137	160	160	163
Flash Point, °C/°F	ASTM D92	232/450	232/450	232/450	232/450	232/450
Pour Point, °C/°F	ASTM D97	-51/-60	-46/-51	-46/-51	-40/-40	-35/-37
Copper Corrosion	ASTM D130	1B	1B	1B	1B	1B
Rust Prevention	ASTM D665	Pass	Pass	Pass	Pass	Pass
Carbon Residue, %	ASTM D189	Nil	Nil	Nil	Nil	Nil
Timken O.K. Load, lb.	ASTM D2783	95	85	90	90	90
AGMA Lubricant Number	---	2 EP	4 EP	5 EP	6 EP	7 EP
Specific Gravity	ASTM D1298	0.91	0.91	0.92	0.92	0.93

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#### HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

#### TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at [info@ultracheminc.com](mailto:info@ultracheminc.com)

MADE  
IN  
USA



900 Centerpoint Blvd.  
New Castle, DE 19720  
P.....302-325-9880  
F.....302-325-0335  
[info@ultracheminc.com](mailto:info@ultracheminc.com)