

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

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