

MultiGear GL-5 Oils

Automotive Gear Oils

Description

Nemco MultiGear GL-5 Oils are EP, GL-5, automotive gear oils made from Group II base oils and an additive system providing excellent extreme pressure (EP) properties, wear resistance, oxidation stability, anti-rust and anti-corrosion qualities, and protection against foaming. These oils are designed to meet the widest range of needs for on- and off-highway vehicles and equipment.

Nemco MultiGear GL-5 Oils are offered in three grades; 75W-80, 80W-90, and 85W-140. Typical applications include passenger cars, trucks, farm tractors, earthmoving, construction, mining and other heavy duty equipment.

Advantages

- Superior EP properties; reduce wear in heavily loaded gear sets where hydrodynamic lubrication may not be complete
- Excellent oxidation stability; reduces oil degradation from high temperatures and enables long drain intervals
- Outstanding rust and corrosion protection; ensures protection of the gearbox materials from contamination
- Strong foam control; aids in reducing oxidation and fluid film break down

Application

- Recommended for use in bevel, spiral bevel and hypoid gear type automotive differentials (single and double reduction), in power dividers requiring MIL-PRF-2105E or API GL-5 lubricants. This product is also may also be used in Mack differential power divider axles.
- Application includes: cars, drive shafts, front and rear axles, heavy-duty machinery drive axles and transmission gear parts lubrication, especially in vehicles with hypoid gear lubrication, can adapt to high speed/low torque, low speed/high torque or high-speed/shock load applications.

- Note: MultiGear lubricants are NOT recommended for use in automatic transmissions, powershift transmissions, hydrostatic drives and systems that include the lubrication of wet clutches and brakes.

Suitable/Recommended for

- API Service GL-5, GL-4/3/2
- MIL-L-2105D&E
- MACK GO-H
- EATON
- ROCKWELL

Use and Storage

To get the best performance from your equipment ensure products meet or exceed manufacturing requirements. Lubricants typically have a shelf life of 5 years under ideal storage conditions. Keep drums and totes in good condition and away from moisture. Keep bungs securely in place; as bungs breath, moisture can seep in over time. Where possible, avoid storage in areas where the temperature fluctuates between extreme highs and lows.

Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at nemco.ca under 'Safety Data Sheets'. For SDS in French, please contact info@nemco.ca. These products are WHMIS 2015 classified. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used oil to an authorized collection point. Avoid discharge into drains, soil, or water. As with any lubricant, keep out of reach of children and animals.

Typical Characteristics - MultiGear GL-5 Gear Oils

Properties	Method	Performance		
		75W-80	80W-90	85W-140
SAE Grade	-	75W-80	80W-90	85W-140
Kinematic Viscosity @40°C mm ² /s	ASTM D445	45	141	328
Kinematic Viscosity @100°C mm ² /s	ASTM D445	7.9	15.5	28.3
Viscosity Index	ASTM D2270	147	115	117
Brookfield Viscosity, cP, °C	ASTM D2983	138,000@-40	140,500@-26	75,500@-12
Copper Corrosion, 3hrs@121°C	ASTM D130	1B	1B	1B
Flash Point (COC) °C(°F)	ASTM D92	162(323)	204(400)	214(417)
Pour Point °C(°F)	ASTM D97	-40(-40)	-26(-15)	-15(5)

These characteristics are typical of current production, variations in these characteristics may occur.

Availability and product codes

Pack size	12x1L case	4x4L case	20L pail	205L drum
MultiGear 75W-80	n/a	n/a	GOORZ0010	GOORZ0037
MultiGear 80W-90	GOORZ0001	GOORZ0003	GOORZ0011	GOORZ0038
MultiGear 85W-140	n/a	n/a	GOORZ0014	GOORZ0041
Availability	To order, contact us toll free at 855.755.6737 or orderdesk@nemco.ca			

Quality

Nemco works with respected industry suppliers for base oils and additives. Nemco is a member of ILMA and is proud to be certified to ISO9001. For questions regarding quality, please contact our Technical Sales representatives.