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SYNTHETIC GEAR OILS

INDUSTRIAL LUBRICANTS AND GEAR OILS

OEMs continue to evolve equipment designs and industrial operating conditions are becoming more severe as power density and other factors increase stresses. Escalating mechanical output from what is often smaller equipment, places new stresses on industrial lubricants and results in more challenging performance requirements. One brand has evolved right alongside today's equipment – Volotec. Only the most advanced industrial lubricants meet the difficult challenges of effectively balancing performance, strength and durability.

FULL SYNTHETICS PROVIDE SUPERIOR PROTECTION

Volotec is expanding its line of full synthetic lubricants that protect equipment operating under severe loads and pressures, wide operating temperature ranges and contamination threats.

Our synthetic lubricants provide unsurpassed advantages that exceed the capabilities of conventional lubricants. **Volotec** Synthetic Lubricants offer longer life and can extend equipment life, while helping increase worker safety by minimizing maintenance.

POWERFUL ANTI-FRICTION, ANTI-WEAR CHEMISTRY

Volotec provides outstanding control of friction and wear. Advanced molecules bond together to create a wear-resistant shield that works to build barriers that reduce friction and wear.

WITHSTANDS THE MOST EXTREME CONDITIONS

Volotec Industrial Lubricants provide unsurpassed protection even in the harshest conditions of hot and cold climates, pressure, power density, micropitting or oxidation, shrinking sump sizes or separation of air and water.

TYPICAL PROPERTIES

Viscosity Grade		75W-90 Full Syn	75W-140 Full Syn	80W-140 Full Syn
Brookfield Viscosity at -40°C, cP	ASTM D2983	135,000	127,000	-
Color	ASTM D1500	1	1	-
Flash Point °C	ASTM D92	224	232	-
Flash Point °F	ASTM D92	435	450	-
Gravity, °API	ASTM D287	31.24	34.31	-
Pour Point °C (°F)	ASTM D5950	-51°C (-60°F)	-51°C (-60°F)	-
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8695	0.8534	-
Viscosity @ 100°C cSt	ASTM D445	16.15	27.64	-
Viscosity @ 40°C cSt	ASTM D445	109.3	171.8	-
Viscosity Index	ASTM D2270	159	200	-

INDUSTRY/OEM APPROVALS

Title	75W-90 Full Syn	75W-140 Full Syn	80W-140 Full Syn
AGMA 9005-E02, 250.03, 250.04, 251.02, No. 4	Meets Requirements	Meets Requirements	-
AIST/US Steel 224	Meets Requirements	Meets Requirements	-
API GL-5	Meets Requirements	Meets Requirements	Meets Requirements
ArvinMeritor (Rockwell International) 076-E	Meets Requirements	Meets Requirements	-
GM 9986115	Suitable for Use	-	-
Limited Slip	Suitable for Use	Suitable for Use	Suitable for Use
Mack GO-J, GO-H, GO-G	Meets Requirements	Meets Requirements	Meets Requirements
MT-1	Meets Requirements	Meets Requirements	Meets Requirements
SAE J2360, MIL-2105E/F	Meets Requirements	Meets Requirements	Meets Requirements
CEC L-45-A-99	-	Meets Requirements	-
Ford M2C108C	-	-	Meets Requirements
MAN 342 M-1	-	-	Meets Requirements
MAN 342 M-2	-	-	Meets Requirements
Meritor 0-76D	-	-	Meets Requirements
Scania STO 1.0	-	-	Meets Requirements
ZF TE ML-07A, ZF TE ML-08	-	-	Meets Requirements

Information accurate as of September 9, 2024