

PRODUCT INFORMATION



VALVOLINE™ ALL-FLEET PLUS™ MONOGRADE

Valvoline All-Fleet Plus Monograde Engine Oil is formulated to meet the needs of older four-stroke gasoline engines, as well as those of older two-stroke heavy duty diesel engines. Both grades meet MTU A001061/35E specifications for two-cycle engines of Detroit Diesel Series 53/71/92 and 149.

All-Fleet Plus Monograde SAE 30 and SAE 40 meet the requirements for API Service CF-2* and API SF**.

Typical Properties:	SAE 30	SAE 40
KV100 (cSt)	11.0	14.6
KV40 (cSt)	87	138
Viscosity Index	113	105
Density (g/cm ³)	0.880	0.880
HTHS @ 150°C, cP	3.7	>3.7
Pour Point (°C)	-24	-21
Sulfated Ash, mass %	0.8	0.8
TBN (D-2896), meq KOH/g	7	7
Zinc, ppm	1260	1260
Phosphorous, ppm	1150	1150

Part Numbers:	SAE 30	SAE 40
Bulk	VV3930	VV3980
Tote	841622	----
55 Gallon Drum	VV393	VV398
5 Gallon Pail	VV395	VV400

*CAUTION: This oil is rated API service category SF. It is not suitable for use in most gasoline powered automotive engines built after 1988. It may not provide adequate protection against the build-up of engine sludge. Later "S" categories are suitable or preferred for automotive engines for which "SF" oils were specified.

**CAUTION: This oil is rated API performance category CF-2. It is not suitable for use in most diesel powered automotive engines built after 2009. Two-stroke engines may have different lubrication requirements than four-stroke engines, so the manufacturer should be contacted for current lubrication recommendations.

Refer to Valvoline's Material Safety Data Sheet for health and safety information.
This information only applies to products manufactured in the USA.

Effective Date:
5/20/21

Author's Initials:
ERM