

# AERO DM



Aviation



Synthetic-based dispersive multigrade oils for aircraft piston engines.

## APPLICATIONS

- Lubrication of piston engines operating under severe and **very severe conditions**. Can be used throughout the year in any climate.

## SPECIFICATIONS

- **AERO DM 15W-50** is certified by French Civil Aviation General Management (ref. 55349 SFACT/TE dated 23<sup>rd</sup> May 1990), approved by French Air Force (Approval n° 30330 STPA/MA dated 11<sup>th</sup> January 1994) and TELEDYNE CONTINENTAL (qualified MHS-24 Lubricating Oil dated 19<sup>th</sup> April 1989).
- Meets 301F AVCO LYCOMING requirements.
- **AERO DM 15W-50** and **20W-60** offer performances that is equal or better than required in the following:
  - F : AIR 3570
  - US : MIL-L-22851 D/SAE : J 1899
- NATO Code **O-162** (AERO DM 15W-50)

## ADVANTAGES

- **TOTAL AERO DM** is formulated with **high quality mineral and synthetic** base stocks. This provides very **high viscosity index**.
- The new formulation, made with modern technology specific additives, meets the best **antiwear** requirements for this type of oil.
- Its excellent dispersing performance guarantees an **outstanding engine cleanliness**.
- Its **very low pour point** and the multigrade properties allow for immediate lubrication at **low and very low temperatures**.
- It also provides **excellent oxidation and corrosion resistance**.
- Synthetic used base stocks provide fuel consumption reduction. These properties enable extended drain intervals under adapted monitoring. (Contact our technical services).

TYPICAL CHARACTERISTICS	METHODS	UNITS	AERO DM	
			15W-50	20W-60
Specific gravity at 15 °C	ISO 3675	kg/m <sup>3</sup>	878	885
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	140	187
Viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	19.8	23.9
Viscosity index	ISO 2909		163	157
Cleveland flash point	ISO 2952	°C	264	265
Pour point	ISO 3016	°C	- 45	- 39

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités

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AERO DM

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser [www.quick-fds.com](http://www.quick-fds.com).

