



Lubricants Report



Product Data Sheet from Shell Lubricants

PDS# 5.05.01

AEROSHELL* FLUID 4 MINERAL HYDRAULIC FLUID

PRODUCT

Aeroshell Fluid 4 is a mineral oil based hydraulic fluid containing an oxidation inhibitor and a non-zinc anti-wear additive. It is dyed red for identification and leak detection purposes. It may be used in aviation and industrial hydraulic systems where very low temperature flow properties are desired and synthetic rubber seals are in use. It is not recommended for systems using natural rubber seals.

APPLICATIONS

- **Aeroshell Fluid 4** may be used in aircraft applications where a MIL-H-5606A (obsolete) specified hydraulic fluid is required.
- **Aeroshell Fluid 4** may also be used in industrial and mobil hydraulic systems when extremely low startup temperatures are expected.
- **Aeroshell Fluid 4** can also be used in hydraulic systems calling for non-zinc type hydraulic fluids in low temperature applications.
- **NOTE:** Use **Aeroshell Fluid 41** in aviation hydraulic systems specifying MIL-H-5606G approved "super clean" hydraulic fluids

PERFORMANCE BENEFITS

- Superior low temperature flowability
- Good anti-wear protection utilizing a non-zinc anti-wear additive
- Dyed red for easy identification

APPROVALS

- Meets the requirements of MIL-H-5606A (obsolete) specifications for mineral aviation hydraulic fluids

TYPICAL PROPERTIES

Property	MIL-H-5606A SPECIFICATION	AEROSHELL FLUID 4	
Product Code		421-150	ASTM METHOD
Colour	Red	Red	Visual
Density @ 15°C. kg.m ³	Report	873.5	D 1298
Pour Point, ° C max.	-60 max.	-60	D 97
Flash Point, ° C. min.	82 min.	83	D 92
Viscosity cSt. @ -40°C	500 max.	480	D 445
cSt. @ 100 °C	-	5.0	D 445
Viscosity cP. @ -54 °C	3000 max.	2287	D 2602
TAN-E, mg KOH/g	0.20	0.07	D 664

[Visit](#) your nearest Shell Associate or Reseller for more details.

Need more product information? Please the [Shell Customer Service Centre](#) at 1-800-661-1600
or e-mail us at questions@shell.com

MSDS requests? Please call 1-800-661-1600 or fax your request to (403) 691-3997

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