

## TECHNICAL DATA SHEET

### LUBRILOG LY F 270 HT

#### DESCRIPTION :

LUBRILOG LY F 270 HT is a fluorinated oil of the type perfluoroalkyl-polyether that is characterized by the following properties :

- excellent oxidation and thermal stability,
- exceptional high degree of chemical inertness,
- compatibility with metals, plastics and elastomers,
- excellent lubrication properties.

#### TYPICAL APPLICATIONS :

The LUBRILOG LY F 270 HT fluorinated oil has a very wide range of applications due to its extraordinary properties.

The LUBRILOG LY F 270 HT is applied where hydrocarbon and synthetic oils have not complied to the demands of the application.

The LUBRILOG LY F 270 HT is completely colourless, odourless and inert. Non-reactive to oxygen.

#### TECHNICAL CHARACTERISTICS :

PROPERTIES	VALUES	UNITIES	STANDARDS
Nature of oil	fluorinated		
Kinematic viscosity at 40°C	270	cSt	NF T 60-100
Viscosity index	130		NF T 60-136
Colour	clear		
Mass volume	1.91	kg/dm <sup>3</sup>	NF T 60-101
Pour point	-35	°C	NF T 60-105
Utilization temperature	-30 to 260	°C	
Volatility (22hr at 204°C)	< 0.6	%mass	
Vapour pressure at 20°C	8x10exp-8	torr	Knudsen method ASTM D-2783
4 balls wear test			
- load for seizure	196	daN	
- load weld point	390	daN	

Edition du : 11/08/09