

Turbine Oil 140 compatibility with AFLAS®



Test method Soaked into the fluid at 175°C for 168 hours
Test fluid Turbine Oil (IDEMITSU Daphne 56, categorized in Turbin oil 140) for Industrial and marine ship use

Test piece AFLAS® 150P (standard formulation)

Formulation

AFLAS® 150P	100
MT-Carbon(N990)	30
TAIC*	5
Perkadox® 14**	1
Sodium Stearate	1

(phr)

Cure Conditions

Press molded at 170C for 20min
 Post cured at 200C for 4h

Properties (before test)	AFLAS® 150P
Tensile strength [MPa]	16.7
Tensile Elongation [%]	251
Hardness [shore-A]	71

Turbine Oil 140 compatibility 175 °C for 168 hours	AFLAS® 150P
Change of Tensile Strength [%]	-15
Change of Tensile Elongation [%]	4
Change in Hardness [points]	-4
Volume change [%]	6

* Triallylisocyanurate

** 1,3-bis(t-butylperoxy)-diisopropylbenzene. Perkadox® is a registered trademark of Akzo Nobel Chemicals B.V.