

TDAE

Safe process oil

USES

• **Behran TDAE (Treated Distillate Aromatic Extract)** is a non carcinogenic mineral oil, used as aromatic process oils for the manufacture of oil extended natural or synthetic rubber and tire compounds.

- Save fuel and energy consumption
- Extend tires life time
- Low environmental impact

PROPERTIES

- Good abrasion resistance
- Good low temperature flexibility
- Low amounts of waste tires in the process
- Good resistance to reversion



TYPICAL CHARACTERISTICS

Specification	Unit	Test Method	Result
Appearance	-	VISUAL	Dark
Density @ 15 °C	Kg/m ³	ASTM D-1298	953
Flash Point	°C	ASTM D-92	246
Congealing Point	°C	ASTM D-838	33
Total Acid Number	mg KOH/gr	ASTM D-974	0.12
Kinematic Viscosity @ 40 °C	cSt	ASTM D-445	549.48
Kinematic Viscosity @ 50 °C	cSt	ASTM D-445	260.8
Kinematic Viscosity @ 100 °C	cSt	ASTM D-445	19.65
RI@20°C		ASTM D-1218	1.5227
RI@67°C		ASTM D-1218	1.5113
VGC		ASTM D-2501	0.895
Aniline point	°C	ASTM D-611	63
Refractivity Intercept		AMS 140.13	1.051
Water Content (Karl Fischer)	ppm	ASTM D-6304	412.2
Sulphur Content	%(W/W)	ASTM D-2622	3 Max.
Carbon Type Distribution	%CA/CN/CP	AMS 140.13	23/39/38
Content Of PCA Extract	%(W/W)	IP 346	2.2

These characteristics are typical of current production, whilst future production will conform to Behran's specification, variations in these characteristics may occur.

Packaging

208 liter new steel drum
ISO tank

