

SPAK ORGOCHEM (INDIA) PVT LTD

(Govt. Approved Export House)



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ESTERS FOR SYNTHETIC LUBRICANTS

SPAK Orgochem (I) Pvt. Ltd. offers additives for synthetic lubricating fluids namely SPAKESTER-9260 & SPAKESTER-1192. SPAKESTER-9260 & 1192 are used as additives for ISO VG 46 and ISO VG 68 fluids respectively.

SPAKESTERS have required viscosity index for these fluids and hence addition of viscosity index improvers is not required.

Post Reaction SPAKESTERS are filtered through a well developed filtration system and hence the products are very clean and free from any foreign particles. Due to this, the filtration times at our customers have substantially reduced which helps in increasing their output.

SPAKESTERS also have very low moisture level which is an added benefit in some applications. Both the SPAKESTERS are based on raw materials from **Vegetable Origin**.

Specifications:

Parameter	Method	SPAKESTER-9260	SPAKESTER-1192
Acid value Max.	-	1.5	1.5
Appearance	Visual	Yellow to amber clear liquid	Yellow to amber clear liquid
Colour in Gardner	Lovibond 2000	8 Max.	8 Max.
Density in g/cm ³	-	0.90-0.93	0.90-0.93
Hydroxyl value	-	20 max.	20 max.
SAP value	-	175-187	180-196
Moisture Content	Karl Fischer	0.1 Max.	0.1 Max.
Viscosity Index	ASTM D 2270	Approx. 180-190	Approx. 180-190
Viscosity @ 40 ^o C	ASTM D 445	40-50 cst	61-72 cst
Viscosity @ 100 ^o C	ASTM D 445	9.5 cst Typ.	12 cst Typ.
Iodine Value	-	75-95	75-95
Pour Point ^o C	ASTM D 97	-30 Max.	-24
Flash Point ^o C	ASTM D 92	300 Min	300 Min
Foaming cc/cc	ASTM D 892	30/0 Max	30/0 Max

Lubricants used in applications that are located near water raise special concerns. Washout and leakage can put industrial greases, hydraulic fluids or oil directly into the soil or water. This calls for lubricants formulated from highly biodegradable base stocks such as our SPAKESTER. Both the esters are greater than 90% degraded within three weeks. Values greater than 80% degraded are generally considered readily biodegradable.

Storage

The products have excellent storage stability under normal conditions without increase of Acid value during storage.

Packing:

Our products are available in 190 Kg/ 210 Kg packing.

We are also offering ISO TANK deliveries for some locations e.g. Europe, South East Asia etc.