



LUBRICANTS

POWER TO PERFORM

HP ELASTO 165, 245, 255 RUBBER PROCESS OILS

DESCRIPTION

Rubber process oils can be broadly classified into three basic groups depending on the physical arrangement of the carbon atoms namely, paraffinic, naphthenic and aromatics.

All petroleum oils are mixtures of various hydrocarbon groups and their classification is arbitrary and is based on the predominance of a particular hydrocarbon group.

HP ELASTO 165, 245 and 255 are predominantly paraffinic rubber process oils suitable for use as plasticizers. ELASTO 165 and 255 are highly paraffinic.

APPLICATION AREAS

ELASTO 165 is suitable for use in EPDM RUBBERS. ELASTO 245 is particularly suitable for use in butyl and ethylene propylene rubbers and light coloured rubbers. ELASTO 255 is specially developed for shoe sole applications.

PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	HP ELASTO 165	HP ELASTO 245 (TYPICAL VALUES)	HP ELASTO 255
Kinematic Viscosity @ 40 °C, Cst	85-107	28-31	14-18
Aniline Point, °C Min	107-118	95	96
Flash Point, °C, Coc, Min	225	190	230
Copper Corrosion @100 °C, 3Hrs, Max		1	1
Clay Gelanalysis		NIL	
Asphaltenes, % Wt		0.6	
Polar Compounds, % Wt		0.6	
Aromatics, % Wt		20.3	
Saturates, % Wt		79.1	

PERFORMANCE BENEFITS

- Adequate miscibility