VOLVO PENTA

AB Volvo Penta
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Parts Bulletin

Group	Number	Version
P-44-5	24	01

Oil for QL thrusters

Models: Accessories

Distribution: Parts Date: 05-2014 Binder: Parts Replaces:

Volvo Penta has decided to phase out the gear house oil 41100129 for QL bow and stern thrusters. We recommend using Castrol Alpha SP 150 or other equivalent gear house oil instead.

Typical Characteristics

Name	Method	Units	SP 150
AGMA No.	-	-	4EP
ISO Viscosity Grade	-	-	150
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m³	890
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm²/s	150
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm²/s	14.5
Viscosity Index	ISO 2909 / ASTM D2270	-	>95
Pour Point	ISO 3016 / ASTM D97	°C/°F	-18/-0.4
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	223/435
Foam Sequence I - tendency / stability	ISO 6247 / ASTM D892	ml/ml	10/0
Copper corrosion (3 hrs@100°C/212°F)	ISO 2160 / ASTM D130	Rating	1b
Rust test - synthetic seawater (24 hrs)	ISO 7120 / ASTM D665B	-	Pass
Timken OK Load test	ASTM D2782	kg/lb	-
FZG Gear Scuffing test - A/8.3/90	ISO 14635-1	Failure Load Stage	>12
FZG Micropitting test	ASTM D5182	Failure Load Stage / Micropitting Rating	-

Subject to usual manufacturing tolerances.